

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006000.D
 Acq On : 14 Sep 2021 11:27
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:41:06 PM

Quant Time: Sep 15 04:28:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 04:26:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	133134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	203543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92488	50.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.140%	
35) Dibromofluoromethane	7.728	113	62671	49.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.720%	
50) Toluene-d8	10.185	98	270792	50.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	12.483	95	90066	49.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	66185	47.306	ug/l	100
3) Chloromethane	2.119	50	83102	47.549	ug/l	100
4) Vinyl Chloride	2.253	62	94484	47.743	ug/l	100
5) Bromomethane	2.656	94	59528	45.187	ug/l	100
6) Chloroethane	2.802	64	58062	48.195	ug/l	100
7) Trichlorofluoromethane	3.131	101	126613	48.281	ug/l	100
8) Diethyl Ether	3.534	74	43311	49.652	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	62529	48.855	ug/l	100
10) Methyl Iodide	4.101	142	70068	51.239	ug/l	100
11) Tert butyl alcohol	4.960	59	66480	199.562	ug/l	100
12) 1,1-Dichloroethene	3.881	96	64438	48.626	ug/l	100
13) Acrolein	3.735	56	29192	260.770	ug/l	100
14) Allyl chloride	4.491	41	140421	49.296	ug/l	100
15) Acrylonitrile	5.174	53	128323	263.195	ug/l	100
16) Acetone	3.954	43	135524	273.115	ug/l	100
17) Carbon Disulfide	4.204	76	218923	49.134	ug/l	100
18) Methyl Acetate	4.491	43	65881	52.098	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	222559	51.571	ug/l	100
20) Methylene Chloride	4.722	84	78975	43.067	ug/l	100
21) trans-1,2-Dichloroethene	5.228	96	73975	49.436	ug/l	100
22) Diisopropyl ether	6.125	45	278873	50.472	ug/l	100
23) Vinyl Acetate	6.070	43	916821	262.300	ug/l	100
24) 1,1-Dichloroethane	6.027	63	139851	49.563	ug/l	100
25) 2-Butanone	6.996	43	188055	272.457	ug/l	100
26) 2,2-Dichloropropane	6.990	77	129546	48.241	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	84299	50.314	ug/l	100
28) Bromochloromethane	7.344	49	67560	54.859	ug/l	100
29) Tetrahydrofuran	7.356	42	119298	271.863	ug/l	100
30) Chloroform	7.515	83	141054	49.661	ug/l	100
31) Cyclohexane	7.789	56	140229	47.204	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	132501	49.825	ug/l	100
36) 1,1-Dichloropropene	7.923	75	110187	50.216	ug/l	100
37) Ethyl Acetate	7.082	43	79426	51.875	ug/l	100
38) Carbon Tetrachloride	7.905	117	119415	49.353	ug/l	100
39) Methylcyclohexane	9.185	83	137759	50.499	ug/l	100
40) Benzene	8.167	78	317162	50.429	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	49298m	51.612	ug/l	
42) 1,2-Dichloroethane	8.240	62	115090	51.192	ug/l	100
43) Isopropyl Acetate	8.277	43	150575	52.650	ug/l	100
44) Trichloroethene	8.947	130	79443	50.250	ug/l	100
45) 1,2-Dichloropropane	9.222	63	78143	50.028	ug/l	100
46) Dibromomethane	9.307	93	44025	52.460	ug/l	100
47) Bromodichloromethane	9.502	83	110950	50.455	ug/l	100
48) Methyl methacrylate	9.295	41	70518	53.197	ug/l	100
49) 1,4-Dioxane	9.301	88	12650	1200.477	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	406800	269.072	ug/l	100
52) Toluene	10.246	92	195658	50.211	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	124026	51.420	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	130971	50.648	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	60891	51.878	ug/l	100
56) Ethyl methacrylate	10.514	69	99604	53.464	ug/l	100
57) 1,3-Dichloropropane	10.794	76	110810	51.583	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	252388	260.965	ug/l	100
59) 2-Hexanone	10.837	43	288634	275.851	ug/l	100
60) Dibromochloromethane	10.983	129	74191	51.111	ug/l	100
61) 1,2-Dibromoethane	11.093	107	57539	52.418	ug/l	100
64) Tetrachloroethene	10.721	164	77140	48.311	ug/l	100
65) Chlorobenzene	11.520	112	202809	49.086	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	76276	49.519	ug/l	100
67) Ethyl Benzene	11.593	91	387821	49.308	ug/l	100
68) m/p-Xylenes	11.703	106	295628	99.449	ug/l	100
69) o-Xylene	12.032	106	139928	49.790	ug/l	100
70) Styrene	12.044	104	243926	50.497	ug/l	100
71) Bromoform	12.209	173	49741	51.170	ug/l #	100
73) Isopropylbenzene	12.331	105	372499	49.363	ug/l	100
74) N-amyl acetate	12.142	43	136560	52.039	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	71837	50.618	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	49219m	56.014	ug/l	
77) Bromobenzene	12.611	156	87335	49.233	ug/l	100
78) n-propylbenzene	12.672	91	460553	49.398	ug/l	100
79) 2-Chlorotoluene	12.758	91	254112	49.057	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	314774	49.036	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	28927	51.126	ug/l	100
82) 4-Chlorotoluene	12.855	91	259912	48.537	ug/l	100
83) tert-Butylbenzene	13.075	119	271302	49.700	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	313950	49.488	ug/l	100
85) sec-Butylbenzene	13.251	105	405543	49.303	ug/l	100
86) p-Isopropyltoluene	13.367	119	345009	49.496	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	172450	49.363	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	168524	48.447	ug/l	100
89) n-Butylbenzene	13.696	91	323174	49.096	ug/l	100
90) Hexachloroethane	13.959	117	61323	48.230	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	150120	48.526	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14271	49.021	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	97377	48.422	ug/l	100
94) Hexachlorobutadiene	15.111	225	61750	47.959	ug/l	100
95) Naphthalene	15.233	128	203768	50.402	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	85267	48.496	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

MMDadoda
9/15/2021 5:41:06 PM

Abundance

TIC: VY006000.D\data.ms

Time-->

1350000

1300000

1250000

1200000

1150000

1100000

1050000

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00

3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

1,2-Dichloroethane, T

Methyl iodide, T

Carbon Disulfide, T

Methyl acetate, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

Methyl 1,2-Dibutylcarbamate, T

1,1-Dichloroethane, T

Diisopropyl ether, T

Vinyl Acetate, T

Ethyl Acetate, T

Ethyl Chloride, T

Methyl Chloride, T

Chloroform, C

Dichlorodifluoroethane, T

1,2-Dichloroethane, T

1,1,2,2-Tetrachloroethane, T

1,4-Difluorobenzene, I

1,4-Dichlorobenzene, T

Trichloroethene, TM

Methylcyclohexane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

Toluene-d8, Fluene, CM

Ethyl 1,2-Dichloropropene, T

1,2-Dichloroethane, T

1,3-Dichloropropane, T

Hexane, T

1,2-Dibromodifluoroethane, T

Chlorobenzene, T

Ethyl 1,2-Dichloroethane, T

o-Xylenes, T

Styrene, T

Isopropylbenzene, T

n-Propylbenzene, T

1,3,5-Trimethylbenzene, T

tert-Butylbenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene-d4, T

n-Butylbenzene, T

1,2-Dichloroethane, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Naphthalene, T

Hexachlorobutadiene, T

1,2,3-Trichlorobenzene, T