

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005980.D
 Acq On : 09 Sep 2021 17:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 6:39:13 PM

Quant Time: Sep 10 04:46:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	290374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	434182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	401700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	140304	47.948	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.900%		
35) Dibromofluoromethane	7.728	113	132147	54.195	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.400%		
50) Toluene-d8	10.185	98	517392	50.559	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.120%		
62) 4-Bromofluorobenzene	12.483	95	180646	52.572	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	114985	44.349	ug/l	98
3) Chloromethane	2.119	50	122041	44.443	ug/l	98
4) Vinyl Chloride	2.260	62	148556	41.621	ug/l	99
5) Bromomethane	2.656	94	121155	50.310	ug/l	97
6) Chloroethane	2.796	64	95477	44.735	ug/l	100
7) Trichlorofluoromethane	3.131	101	212110	46.523	ug/l	95
8) Diethyl Ether	3.540	74	83574	53.849	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	127093	51.769	ug/l	100
10) Methyl Iodide	4.101	142	129034	41.823	ug/l	96
11) Tert butyl alcohol	4.960	59	104818	182.162	ug/l	99
12) 1,1-Dichloroethene	3.881	96	127287	51.066	ug/l	93
13) Acrolein	3.741	56	26705	292.169	ug/l	97
14) Allyl chloride	4.491	41	210171	50.136	ug/l	94
15) Acrylonitrile	5.174	53	207841	264.807	ug/l	100
16) Acetone	3.954	43	157116	210.575	ug/l	99
17) Carbon Disulfide	4.204	76	386535	48.550	ug/l	98
18) Methyl Acetate	4.485	43	109259	52.743	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	409619	54.739	ug/l	98
20) Methylene Chloride	4.729	84	160962	57.302	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	148364	53.345	ug/l	96
22) Diisopropyl ether	6.131	45	457967	53.769	ug/l	99
23) Vinyl Acetate	6.070	43	1345935	260.399	ug/l	99
24) 1,1-Dichloroethane	6.027	63	265367	54.619	ug/l	99
25) 2-Butanone	6.996	43	259740	246.418	ug/l	98
26) 2,2-Dichloropropane	6.990	77	216716	47.676	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	170984	54.713	ug/l	97
28) Bromochloromethane	7.344	49	109330	54.587	ug/l	95
29) Tetrahydrofuran	7.356	42	175198	256.525	ug/l	96
30) Chloroform	7.515	83	270987	54.353	ug/l	100
31) Cyclohexane	7.789	56	231093	46.823	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	235250	50.678	ug/l	98
36) 1,1-Dichloropropene	7.923	75	200883	49.140	ug/l	100
37) Ethyl Acetate	7.082	43	117220	47.881	ug/l	97
38) Carbon Tetrachloride	7.905	117	212288	47.910	ug/l	98
39) Methylcyclohexane	9.185	83	251972	48.664	ug/l	98
40) Benzene	8.167	78	601586	52.088	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	67710m	49.665	ug/l	
42) 1,2-Dichloroethane	8.246	62	182282	48.588	ug/l	97
43) Isopropyl Acetate	8.277	43	222092	49.945	ug/l	97
44) Trichloroethene	8.947	130	167455	51.701	ug/l	98
45) 1,2-Dichloropropane	9.222	63	154885	54.655	ug/l	99
46) Dibromomethane	9.307	93	86946	53.314	ug/l	97
47) Bromodichloromethane	9.502	83	210246	53.048	ug/l	99
48) Methyl methacrylate	9.295	41	100361	49.105	ug/l	94
49) 1,4-Dioxane	9.301	88	23941	1065.949	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	591535	246.893	ug/l	95
52) Toluene	10.246	92	385146	51.743	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	228476	51.990	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	255767	53.044	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	130191	55.736	ug/l	98
56) Ethyl methacrylate	10.514	69	189166	55.948	ug/l	90
57) 1,3-Dichloropropane	10.795	76	218910	54.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	458935	262.970	ug/l	99
59) 2-Hexanone	10.837	43	413787	247.207	ug/l	94
60) Dibromochloromethane	10.990	129	160215	55.867	ug/l	99
61) 1,2-Dibromoethane	11.093	107	125970	56.614	ug/l	99
64) Tetrachloroethene	10.721	164	167014	50.779	ug/l	99
65) Chlorobenzene	11.520	112	422258	52.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	162731	53.932	ug/l	98
67) Ethyl Benzene	11.593	91	740271	51.377	ug/l	100
68) m/p-Xylenes	11.703	106	579193	101.939	ug/l	99
69) o-Xylene	12.032	106	281998	52.865	ug/l	99
70) Styrene	12.044	104	478583	52.598	ug/l	99
71) Bromoform	12.209	173	110566	55.580	ug/l #	98
73) Isopropylbenzene	12.331	105	724947	53.226	ug/l	99
74) N-amyl acetate	12.142	43	202432	51.803	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	148385	57.247	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	98626m	51.566	ug/l	
77) Bromobenzene	12.611	156	189553	55.253	ug/l	99
78) n-propylbenzene	12.672	91	859526	52.804	ug/l	100
79) 2-Chlorotoluene	12.758	91	496946	54.840	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	606024	53.107	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	52818	52.519	ug/l	95
82) 4-Chlorotoluene	12.855	91	520392	54.736	ug/l	97
83) tert-Butylbenzene	13.075	119	534782	53.616	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	604330	53.389	ug/l	99
85) sec-Butylbenzene	13.251	105	775577	52.758	ug/l	99
86) p-Isopropyltoluene	13.367	119	662548	52.012	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	355513	53.260	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	354410	53.153	ug/l	99
89) n-Butylbenzene	13.696	91	594207	52.136	ug/l	99
90) Hexachloroethane	13.959	117	126223	54.602	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	322109	54.421	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25853	53.180	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	213317	53.392	ug/l	100
94) Hexachlorobutadiene	15.111	225	135638	52.703	ug/l	99
95) Naphthalene	15.239	128	418234	54.488	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	186259	53.399	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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