

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006152.D
 Acq On : 24 Sep 2021 20:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 10:58:04 AM

Quant Time: Sep 25 05:48:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	120724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	187371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	77951	46.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.960%
35) Dibromofluoromethane	7.728	113	56572	48.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.184	98	238106	48.004	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.483	95	81882	48.622	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	53269	41.769	ug/l	97
3) Chloromethane	2.119	50	70343	44.357	ug/l	96
4) Vinyl Chloride	2.259	62	79870	44.606	ug/l	100
5) Bromomethane	2.655	94	54296	46.740	ug/l	98
6) Chloroethane	2.796	64	52653	49.034	ug/l	100
7) Trichlorofluoromethane	3.131	101	116474	49.899	ug/l	98
8) Diethyl Ether	3.533	74	40658	52.986	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	60791	52.164	ug/l	97
10) Methyl Iodide	4.100	142	64571	52.339	ug/l	95
11) Tert butyl alcohol	4.960	59	48877	179.301	ug/l	100
12) 1,1-Dichloroethene	3.881	96	62028	51.459	ug/l	93
13) Acrolein	3.734	56	19022	188.781	ug/l	99
14) Allyl chloride	4.490	41	123952	48.173	ug/l	96
15) Acrylonitrile	5.167	53	111485	255.065	ug/l	99
16) Acetone	3.954	43	92474	201.054	ug/l	96
17) Carbon Disulfide	4.204	76	198150	49.222	ug/l	100
18) Methyl Acetate	4.484	43	59042	50.960	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	205660	52.922	ug/l	98
20) Methylene Chloride	4.722	84	81583	57.554	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	73048	54.044	ug/l	96
22) Diisopropyl ether	6.130	45	254651	50.931	ug/l	93
23) Vinyl Acetate	6.069	43	758423	240.395	ug/l	97
24) 1,1-Dichloroethane	6.027	63	135154	52.760	ug/l	99
25) 2-Butanone	6.996	43	119129	187.920	ug/l	92
26) 2,2-Dichloropropane	6.990	77	102726	42.331	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	73252	48.577	ug/l	93
28) Bromochloromethane	7.337	49	51927	46.145	ug/l #	16
29) Tetrahydrofuran	7.356	42	79388	199.253	ug/l	93
30) Chloroform	7.508	83	123141	47.943	ug/l	96
31) Cyclohexane	7.789	56	102746	38.248	ug/l	96
32) 1,1,1-Trichloroethane	7.709	97	111381	46.185	ug/l	98
36) 1,1-Dichloropropene	7.923	75	89488	44.249	ug/l	99
37) Ethyl Acetate	7.081	43	54805	39.228	ug/l	98
38) Carbon Tetrachloride	7.904	117	101880	46.274	ug/l	98
39) Methylcyclohexane	9.185	83	106675	42.558	ug/l	95
40) Benzene	8.166	78	268777	46.345	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	34389m	42.145	ug/l	
42) 1,2-Dichloroethane	8.240	62	93728	45.701	ug/l	98
43) Isopropyl Acetate	8.276	43	104599	40.195	ug/l	96
44) Trichloroethene	8.941	130	69730	48.249	ug/l	96
45) 1,2-Dichloropropane	9.221	63	63331	44.144	ug/l	97
46) Dibromomethane	9.307	93	36641	47.185	ug/l	95
47) Bromodichloromethane	9.502	83	95503	47.781	ug/l	99
48) Methyl methacrylate	9.294	41	50312	41.841	ug/l	96
49) 1,4-Dioxane	9.300	88	9561	892.171	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	279694	201.609	ug/l	96
52) Toluene	10.245	92	170538	47.720	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	99474	45.307	ug/l	99
54) cis-1,3-Dichloropropene	9.934	75	108408	45.781	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	51708	48.458	ug/l	96
56) Ethyl methacrylate	10.514	69	77390	45.367	ug/l	95
57) 1,3-Dichloropropane	10.794	76	91111	46.325	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	199103	222.955	ug/l	96
59) 2-Hexanone	10.837	43	195753	204.389	ug/l	97
60) Dibromochloromethane	10.989	129	66107	50.249	ug/l	100
61) 1,2-Dibromoethane	11.093	107	49139	48.754	ug/l	98
64) Tetrachloroethene	10.721	164	74284	50.899	ug/l	96
65) Chlorobenzene	11.520	112	181044	47.418	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	70488	49.533	ug/l	99
67) Ethyl Benzene	11.593	91	338066	46.582	ug/l	99
68) m/p-Xylenes	11.702	106	262364	95.338	ug/l	97
69) o-Xylene	12.032	106	126056	48.499	ug/l	97
70) Styrene	12.044	104	218505	49.074	ug/l	99
71) Bromoform	12.208	173	44956	50.454	ug/l #	96
73) Isopropylbenzene	12.330	105	327680	44.141	ug/l	99
74) N-amyl acetate	12.141	43	96978	37.831	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.580	83	56831	41.147	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	41317m	40.878	ug/l	
77) Bromobenzene	12.611	156	80320	46.370	ug/l	91
78) n-propylbenzene	12.672	91	396250	43.142	ug/l	99
79) 2-Chlorotoluene	12.757	91	225051	45.065	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	281196	45.674	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	21459	39.034	ug/l	98
82) 4-Chlorotoluene	12.855	91	237372	45.986	ug/l	100
83) tert-Butylbenzene	13.074	119	239882	45.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	280218	45.877	ug/l	98
85) sec-Butylbenzene	13.251	105	351244	44.560	ug/l	99
86) p-Isopropyltoluene	13.373	119	307574	45.705	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	160581	48.070	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	156979	46.849	ug/l	99
89) n-Butylbenzene	13.696	91	275757	43.819	ug/l	99
90) Hexachloroethane	13.964	117	54940	45.366	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	141374	48.209	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11211	40.914	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	89958	47.238	ug/l	99
94) Hexachlorobutadiene	15.110	225	57531	46.693	ug/l	99
95) Naphthalene	15.238	128	175830	46.423	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	78582	47.618	ug/l	99

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

