

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005478.D
 Acq On : 27 Jul 2021 20:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:57:10 PM

Quant Time: Jul 28 02:37:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	241068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	370512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	343531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138430	53.750	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.500%			
35) Dibromofluoromethane	7.728	113	109948	51.393	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.780%			
50) Toluene-d8	10.185	98	462627	51.021	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.040%			
62) 4-Bromofluorobenzene	12.483	95	152223	50.865	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	98867	45.303	ug/l	100
3) Chloromethane	2.113	50	132786	49.635	ug/l	100
4) Vinyl Chloride	2.253	62	157780	49.529	ug/l	98
5) Bromomethane	2.656	94	116681	50.119	ug/l	96
6) Chloroethane	2.802	64	105984	52.959	ug/l	99
7) Trichlorofluoromethane	3.131	101	217605	52.236	ug/l	97
8) Diethyl Ether	3.540	74	81270	55.418	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	117305	51.812	ug/l	99
10) Methyl Iodide	4.101	142	137466	53.499	ug/l	97
11) Tert butyl alcohol	4.985	59	63305	260.203	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	122698	53.236	ug/l	98
13) Acrolein	3.741	56	57671	258.863	ug/l	99
14) Allyl chloride	4.491	41	225217	54.604	ug/l	98
15) Acrylonitrile	5.180	53	204385	280.643	ug/l	99
16) Acetone	3.966	43	151616	257.785	ug/l	99
17) Carbon Disulfide	4.204	76	395109	51.843	ug/l	100
18) Methyl Acetate	4.491	43	92798	56.133	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	391138	56.244	ug/l	98
20) Methylene Chloride	4.728	84	153698	48.827	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	139803	53.992	ug/l	99
22) Diisopropyl ether	6.131	45	415149	51.859	ug/l	97
23) Vinyl Acetate	6.076	43	1369619	260.106	ug/l	99
24) 1,1-Dichloroethane	6.033	63	223458	50.641	ug/l	100
25) 2-Butanone	7.002	43	222893	253.066	ug/l	98
26) 2,2-Dichloropropane	6.990	77	188793	47.051	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	141515	51.091	ug/l	100
28) Bromochloromethane	7.344	49	87544	49.283	ug/l	99
29) Tetrahydrofuran	7.362	42	152716	261.828	ug/l	98
30) Chloroform	7.515	83	231338	52.994	ug/l	98
31) Cyclohexane	7.789	56	208380	47.386	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	210127	51.990	ug/l	99
36) 1,1-Dichloropropene	7.923	75	174769	48.784	ug/l	99
37) Ethyl Acetate	7.088	43	102814	47.146	ug/l	99
38) Carbon Tetrachloride	7.911	117	191216	48.844	ug/l	98
39) Methylcyclohexane	9.185	83	218725	47.613	ug/l	98
40) Benzene	8.167	78	513559	49.883	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	63833m	55.857	ug/l	
42) 1,2-Dichloroethane	8.246	62	170076	51.068	ug/l	100
43) Isopropyl Acetate	8.283	43	201190	50.945	ug/l	99
44) Trichloroethene	8.947	130	137607	49.285	ug/l	99
45) 1,2-Dichloropropane	9.222	63	128573	50.720	ug/l	97
46) Dibromomethane	9.313	93	70903	50.817	ug/l	98
47) Bromodichloromethane	9.502	83	178856	50.998	ug/l	100
48) Methyl methacrylate	9.301	41	92264	50.237	ug/l	98
49) 1,4-Dioxane	9.307	88	19829	1007.509	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	536572	255.931	ug/l	99
52) Toluene	10.246	92	327126	50.037	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	197107	50.240	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	214892	49.828	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	101037	50.458	ug/l	98
56) Ethyl methacrylate	10.514	69	155691	51.493	ug/l	100
57) 1,3-Dichloropropane	10.794	76	181518	50.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	395982	273.846	ug/l	99
59) 2-Hexanone	10.837	43	374967	255.175	ug/l	100
60) Dibromochloromethane	10.990	129	127311	52.058	ug/l	100
61) 1,2-Dibromoethane	11.093	107	96669	51.002	ug/l	98
64) Tetrachloroethene	10.721	164	127142	48.991	ug/l	96
65) Chlorobenzene	11.520	112	351652	49.979	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	133828	50.926	ug/l	99
67) Ethyl Benzene	11.593	91	636348	49.680	ug/l	100
68) m/p-Xylenes	11.703	106	495187	99.561	ug/l	99
69) o-Xylene	12.032	106	240975	50.927	ug/l	99
70) Styrene	12.044	104	409936	51.021	ug/l	99
71) Bromoform	12.209	173	86116	51.274	ug/l #	99
73) Isopropylbenzene	12.331	105	618002	50.403	ug/l	100
74) N-amyl acetate	12.148	43	193148	51.741	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	119098	50.875	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	86747m	49.584	ug/l	
77) Bromobenzene	12.611	156	155385	51.751	ug/l	99
78) n-propylbenzene	12.672	91	741700	50.139	ug/l	100
79) 2-Chlorotoluene	12.758	91	415655	50.024	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	521847	50.956	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	44341	49.212	ug/l	99
82) 4-Chlorotoluene	12.855	91	428821	49.862	ug/l	99
83) tert-Butylbenzene	13.075	119	447175	49.021	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	521681	50.787	ug/l	100
85) sec-Butylbenzene	13.257	105	666846	50.682	ug/l	100
86) p-Isopropyltoluene	13.373	119	566032	49.964	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	295112	50.115	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	289530	49.621	ug/l	99
89) n-Butylbenzene	13.696	91	510808	49.123	ug/l	99
90) Hexachloroethane	13.965	117	104443	51.288	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	265351	50.461	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22538	49.648	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	179290	49.415	ug/l	100
94) Hexachlorobutadiene	15.117	225	113579	49.393	ug/l	98
95) Naphthalene	15.239	128	374518	51.315	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	164475	50.293	ug/l	100

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

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