

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070853.D
 Acq On : 27 Oct 2021 10:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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10/29/2021 4:34:33 PM

Quant Time: Oct 28 03:50:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	450246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	665305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	644382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	329077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	222787	49.198	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.400%			
35) Dibromofluoromethane	7.908	113	235312	53.642	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.280%			
50) Toluene-d8	10.332	98	904621	54.814	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.620%			
62) 4-Bromofluorobenzene	12.620	95	292514	53.719	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	186370	44.633	ug/l	96
3) Chloromethane	2.209	50	281445	47.622	ug/l	99
4) Vinyl Chloride	2.350	62	303261	46.386	ug/l	100
5) Bromomethane	2.768	94	190795	46.048	ug/l	96
6) Chloroethane	2.920	64	189652	46.954	ug/l	89
7) Trichlorofluoromethane	3.268	101	375084	46.582	ug/l	100
8) Diethyl Ether	3.709	74	98955	44.357	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	241609	46.554	ug/l	98
10) Methyl Iodide	4.297	142	214000	40.008	ug/l	99
11) Tert butyl alcohol	5.220	59	51051	212.123	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	211662	46.590	ug/l	97
13) Acrolein	3.920	56	47842	221.677	ug/l	98
14) Allyl chloride	4.709	41	338233	47.526	ug/l	99
15) Acrylonitrile	5.420	53	242677	227.096	ug/l	99
16) Acetone	4.156	43	278076	263.947	ug/l	98
17) Carbon Disulfide	4.403	76	787355	49.025	ug/l	100
18) Methyl Acetate	4.714	43	154363	42.739	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	439782	46.536	ug/l	99
20) Methylene Chloride	4.962	84	278615	47.769	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	259376	48.179	ug/l	92
22) Diisopropyl ether	6.361	45	742898	50.338	ug/l	99
23) Vinyl Acetate	6.303	43	1725544	232.546	ug/l	97
24) 1,1-Dichloroethane	6.261	63	458862	46.130	ug/l	100
25) 2-Butanone	7.203	43	308396	237.831	ug/l	96
26) 2,2-Dichloropropane	7.203	77	378089	47.640	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	270503	46.887	ug/l	99
28) Bromochloromethane	7.538	49	197759	50.700	ug/l	99
29) Tetrahydrofuran	7.556	42	191003	243.815	ug/l	98
30) Chloroform	7.703	83	465994	46.675	ug/l	98
31) Cyclohexane	7.979	56	439996	47.685	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	403815	47.359	ug/l	99
36) 1,1-Dichloropropene	8.108	75	375759	53.981	ug/l	99
37) Ethyl Acetate	7.285	43	136013	52.554	ug/l	99
38) Carbon Tetrachloride	8.091	117	356879	50.984	ug/l	99
39) Methylcyclohexane	9.350	83	434894	54.294	ug/l	96
40) Benzene	8.344	78	1042841	51.530	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	63681	46.514	ug/l	92
42) 1,2-Dichloroethane	8.414	62	265758	51.577	ug/l	100
43) Isopropyl Acetate	8.450	43	243529	50.620	ug/l	99
44) Trichloroethene	9.108	130	262490	50.202	ug/l	95
45) 1,2-Dichloropropane	9.379	63	278010	51.815	ug/l	99
46) Dibromomethane	9.467	93	132822	50.493	ug/l	98
47) Bromodichloromethane	9.655	83	342640	50.387	ug/l	98
48) Methyl methacrylate	9.450	41	124409	54.124	ug/l	96
49) 1,4-Dioxane	9.455	88	29510	1051.106	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	676393	268.123	ug/l	100
52) Toluene	10.397	92	662464	54.467	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	309569	52.234	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	377332	51.566	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	184866	49.552	ug/l	96
56) Ethyl methacrylate	10.655	69	212281	46.644	ug/l	99
57) 1,3-Dichloropropane	10.938	76	321868	51.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	460318	259.541	ug/l	99
59) 2-Hexanone	10.973	43	510758	283.619	ug/l	100
60) Dibromochloromethane	11.132	129	225079	50.282	ug/l	100
61) 1,2-Dibromoethane	11.238	107	171418	49.778	ug/l	100
64) Tetrachloroethene	10.867	164	231930	52.460	ug/l	98
65) Chlorobenzene	11.661	112	658444	49.805	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	243584	49.667	ug/l	99
67) Ethyl Benzene	11.738	91	1219347	52.966	ug/l	99
68) m/p-Xylenes	11.844	106	973150	108.562	ug/l	100
69) o-Xylene	12.173	106	427684	52.679	ug/l	100
70) Styrene	12.185	104	760195	54.064	ug/l	99
71) Bromoform	12.349	173	126461	48.795	ug/l #	98
73) Isopropylbenzene	12.467	105	1135750	51.744	ug/l	100
74) N-amyl acetate	12.279	43	243438	50.428	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	211177	47.148	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	161763m	49.935	ug/l	
77) Bromobenzene	12.749	156	260454	48.701	ug/l	98
78) n-propylbenzene	12.808	91	1470475	52.194	ug/l	99
79) 2-Chlorotoluene	12.896	91	829204	50.689	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	980120	52.614	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	64438	52.208	ug/l	98
82) 4-Chlorotoluene	12.996	91	865348	50.902	ug/l	99
83) tert-Butylbenzene	13.214	119	799237	51.452	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	971824	52.912	ug/l	98
85) sec-Butylbenzene	13.390	105	1281055	52.287	ug/l	99
86) p-Isopropyltoluene	13.502	119	1039798	52.753	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	544641	49.317	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	534737	48.823	ug/l	100
89) n-Butylbenzene	13.832	91	1011715	52.386	ug/l	98
90) Hexachloroethane	14.096	117	209748	47.420	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	460995	48.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	29080	44.564	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	263805	48.447	ug/l	98
94) Hexachlorobutadiene	15.249	225	172499	48.082	ug/l	97
95) Naphthalene	15.385	128	445672	43.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	236053	49.887	ug/l	100

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

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