

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070543.D
 Acq On : 30 Sep 2021 16:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 10/1/2021 10:48:23 AM

Quant Time: Oct 01 02:05:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	346473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	588729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	553325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	271579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	189487	42.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.180%
35) Dibromofluoromethane	7.908	113	198574	47.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.780%
50) Toluene-d8	10.332	98	768223	50.490	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.620	95	259877	48.872	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	170098	49.023	ug/l	99
3) Chloromethane	2.209	50	223289	47.432	ug/l	97
4) Vinyl Chloride	2.350	62	266375	48.864	ug/l	99
5) Bromomethane	2.762	94	162383	48.946	ug/l	93
6) Chloroethane	2.920	64	172702	52.514	ug/l	99
7) Trichlorofluoromethane	3.273	101	371173	51.478	ug/l	96
8) Diethyl Ether	3.709	74	100056	50.198	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	232756	51.969	ug/l	99
10) Methyl Iodide	4.297	142	207563	48.443	ug/l	97
11) Tert butyl alcohol	5.214	59	49190	97.790	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	204939	50.807	ug/l	96
13) Acrolein	3.926	56	26780	121.090	ug/l	94
14) Allyl chloride	4.714	41	297719	50.227	ug/l	99
15) Acrylonitrile	5.414	53	236077	248.585	ug/l	97
16) Acetone	4.150	43	236327	297.541	ug/l	93
17) Carbon Disulfide	4.409	76	656573	44.117	ug/l	99
18) Methyl Acetate	4.714	43	105073	48.146	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	457791	52.517	ug/l	99
20) Methylene Chloride	4.961	84	283656	58.557	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	243477	50.707	ug/l	97
22) Diisopropyl ether	6.356	45	667829	52.640	ug/l	98
23) Vinyl Acetate	6.303	43	1526698	259.760	ug/l	98
24) 1,1-Dichloroethane	6.256	63	441869	49.225	ug/l	98
25) 2-Butanone	7.208	43	268280	253.742	ug/l	92
26) 2,2-Dichloropropane	7.203	77	386625	53.285	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	274032	53.128	ug/l	99
28) Bromochloromethane	7.544	49	164364	46.148	ug/l	99
29) Tetrahydrofuran	7.555	42	165356	243.631	ug/l	99
30) Chloroform	7.702	83	456869	49.645	ug/l	99
31) Cyclohexane	7.985	56	388995	50.760	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	406661	52.500	ug/l	99
36) 1,1-Dichloropropene	8.108	75	355638	56.515	ug/l	97
37) Ethyl Acetate	7.291	43	120561	51.235	ug/l	99
38) Carbon Tetrachloride	8.091	117	360263	57.887	ug/l	98
39) Methylcyclohexane	9.349	83	411675	58.560	ug/l	98
40) Benzene	8.350	78	1018581	55.235	ug/l	97

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41) Methacrylonitrile	7.520	41	64660	52.227	ug/l	93
42) 1,2-Dichloroethane	8.420	62	252734	51.170	ug/l	99
43) Isopropyl Acetate	8.450	43	216659	49.797	ug/l	98
44) Trichloroethene	9.108	130	256667	58.237	ug/l	91
45) 1,2-Dichloropropane	9.385	63	258699	53.470	ug/l	95
46) Dibromomethane	9.473	93	130891	52.537	ug/l	97
47) Bromodichloromethane	9.655	83	340316	53.542	ug/l	97
48) Methyl methacrylate	9.449	41	107541	53.534	ug/l	100
49) 1,4-Dioxane	9.455	88	29190	1169.754	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	602664	267.685	ug/l	99
52) Toluene	10.396	92	648423	58.194	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	308484	56.422	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	369006	55.457	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	186245	54.340	ug/l	96
56) Ethyl methacrylate	10.655	69	215637	57.633	ug/l	99
57) 1,3-Dichloropropane	10.938	76	316450	54.233	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	493374	273.589	ug/l	100
59) 2-Hexanone	10.979	43	446778	297.431	ug/l	100
60) Dibromochloromethane	11.138	129	218107	54.681	ug/l	98
61) 1,2-Dibromoethane	11.238	107	167579	53.165	ug/l	97
64) Tetrachloroethene	10.867	164	199191	59.127	ug/l	98
65) Chlorobenzene	11.661	112	649325	56.646	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	242742	57.820	ug/l	98
67) Ethyl Benzene	11.738	91	1211699	61.293	ug/l	99
68) m/p-Xylenes	11.843	106	956620	125.291	ug/l	98
69) o-Xylene	12.173	106	430140	62.885	ug/l	98
70) Styrene	12.185	104	761830	63.757	ug/l	99
71) Bromoform	12.349	173	114722	55.289	ug/l #	96
73) Isopropylbenzene	12.473	105	1164102	61.122	ug/l	100
74) N-amyl acetate	12.279	43	212831	51.288	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	200015	49.034	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	126785m	46.153	ug/l	
77) Bromobenzene	12.749	156	237272	53.998	ug/l	99
78) n-propylbenzene	12.808	91	1508983	61.044	ug/l	99
79) 2-Chlorotoluene	12.896	91	841035	58.371	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1009362	61.407	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	60475	55.159	ug/l	97
82) 4-Chlorotoluene	12.996	91	866363	56.996	ug/l	100
83) tert-Butylbenzene	13.214	119	821326	62.302	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	995477	61.501	ug/l	99
85) sec-Butylbenzene	13.390	105	1307071	62.375	ug/l	98
86) p-Isopropyltoluene	13.502	119	1076807	63.957	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	510643	55.819	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	494671	53.871	ug/l	100
89) n-Butylbenzene	13.832	91	1033700	61.580	ug/l	100
90) Hexachloroethane	14.096	117	211656	54.917	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	430478	53.333	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	29377	48.087	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	245842	56.402	ug/l	98
94) Hexachlorobutadiene	15.249	225	154282	57.706	ug/l	98
95) Naphthalene	15.384	128	437876	55.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	212110	55.154	ug/l	99

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

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