

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042522\
 Data File : VD072703.D
 Acq On : 25 Apr 2022 11:07
 Operator : VA/SY
 Sample : VD0425SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBS01

Quant Time: Apr 26 01:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

04/26/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	337810	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.856	114	558408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	524026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	279191	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	212527	52.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.020%	
35) Dibromofluoromethane	7.909	113	228022	52.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.332	98	770209	51.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	12.620	95	319028	54.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	49009	18.280	ug/l	94
3) Chloromethane	2.215	50	46380	18.704	ug/l	96
4) Vinyl Chloride	2.350	62	50544	18.347	ug/l	95
5) Bromomethane	2.744	94	36857	19.288	ug/l	90
6) Chloroethane	2.909	64	37930	20.767	ug/l	95
7) Trichlorofluoromethane	3.268	101	130661	22.454	ug/l	96
8) Diethyl Ether	3.703	74	38593	22.317	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.097	101	91226	23.506	ug/l	95
10) Methyl Iodide	4.297	142	55200	17.851	ug/l	98
11) Tert butyl alcohol	5.215	59	44689	207.083	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	62607	20.634	ug/l #	80
13) Acrolein	3.915	56	11207	117.026	ug/l	96
14) Allyl chloride	4.709	41	104850	20.362	ug/l #	91
15) Acrylonitrile	5.415	53	110914	128.249	ug/l	96
16) Acetone	4.156	43	88992	116.789	ug/l #	84
17) Carbon Disulfide	4.409	76	73448	13.993	ug/l #	95
18) Methyl Acetate	4.715	43	63582	29.618	ug/l #	87
19) Methyl tert-butyl Ether	5.473	73	222050	25.073	ug/l	97
20) Methylene Chloride	4.956	84	94510	20.834	ug/l #	81
21) trans-1,2-Dichloroethene	5.462	96	69810	19.320	ug/l	82
22) Diisopropyl ether	6.362	45	300284	24.633	ug/l #	88
23) Vinyl Acetate	6.297	43	679374	107.297	ug/l	96
24) 1,1-Dichloroethane	6.256	63	172921	23.540	ug/l	97
25) 2-Butanone	7.203	43	125843	119.412	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	162658	24.930	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	106354	23.086	ug/l	91
28) Bromochloromethane	7.538	49	73388	23.316	ug/l #	77
29) Tetrahydrofuran	7.556	42	74876	117.682	ug/l	89
30) Chloroform	7.703	83	207515	25.113	ug/l	96
31) Cyclohexane	7.979	56	98947	18.518	ug/l #	76
32) 1,1,1-Trichloroethane	7.897	97	171418	24.458	ug/l	95
36) 1,1-Dichloropropene	8.109	75	112067	20.878	ug/l	100
37) Ethyl Acetate	7.285	43	54355	23.638	ug/l #	89
38) Carbon Tetrachloride	8.091	117	140502	23.501	ug/l	99
39) Methylcyclohexane	9.350	83	109926	18.918	ug/l	94
40) Benzene	8.344	78	345650	22.807	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26607m	20.801	ug/l	
42) 1,2-Dichloroethane	8.414	62	113310	24.460	ug/l	96
43) Isopropyl Acetate	8.444	43	112782	25.570	ug/l #	93
44) Trichloroethene	9.103	130	97676	22.701	ug/l	95
45) 1,2-Dichloropropane	9.379	63	101856	24.160	ug/l	96
46) Dibromomethane	9.467	93	53581	24.224	ug/l	97
47) Bromodichloromethane	9.656	83	163815	25.779	ug/l #	98
48) Methyl methacrylate	9.450	41	55159	25.758	ug/l	90
49) 1,4-Dioxane	9.450	88	14208	539.991	ug/l #	84
51) 4-Methyl-2-Pentanone	10.220	43	312391	131.994	ug/l	93
52) Toluene	10.397	92	235222	23.363	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	140951	25.454	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	159551	24.370	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	89673	26.742	ug/l	95
56) Ethyl methacrylate	10.650	69	94775	23.630	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	138899	25.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	220146	132.976	ug/l	93
59) 2-Hexanone	10.973	43	205906	127.939	ug/l	92
60) Dibromochloromethane	11.132	129	112914	26.104	ug/l	98
61) 1,2-Dibromoethane	11.238	107	75185	25.253	ug/l	99
64) Tetrachloroethene	10.867	164	76786	22.427	ug/l	96
65) Chlorobenzene	11.661	112	280520	23.943	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	120321	25.688	ug/l	99
67) Ethyl Benzene	11.732	91	472417	23.109	ug/l	99
68) m/p-Xylenes	11.844	106	360515	46.484	ug/l	100
69) o-Xylene	12.173	106	175053	23.394	ug/l	98
70) Styrene	12.185	104	324635	24.616	ug/l	97
71) Bromoform	12.350	173	65066	26.203	ug/l #	100
73) Isopropylbenzene	12.467	105	509299	22.588	ug/l	99
74) N-amyl acetate	12.279	43	113453	23.981	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	104544	24.479	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	60424m	19.843	ug/l	
77) Bromobenzene	12.749	156	119426	23.631	ug/l	94
78) n-propylbenzene	12.808	91	621245	22.839	ug/l	99
79) 2-Chlorotoluene	12.897	91	368014	23.135	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	449263	23.265	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	29576	23.834	ug/l #	89
82) 4-Chlorotoluene	12.991	91	392667	23.701	ug/l	99
83) tert-Butylbenzene	13.214	119	400214	23.939	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	450263	23.844	ug/l	100
85) sec-Butylbenzene	13.391	105	605250	24.035	ug/l	100
86) p-Isopropyltoluene	13.502	119	492740	23.939	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	252890	24.149	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	253659	24.033	ug/l	99
89) n-Butylbenzene	13.826	91	467426	23.839	ug/l	99
90) Hexachloroethane	14.096	117	103057	24.458	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	229846	24.885	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	17231	27.281	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	146544	25.596	ug/l	99
94) Hexachlorobutadiene	15.249	225	85094	26.535	ug/l	97
95) Naphthalene	15.379	128	260169	23.387	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	128071	25.630	ug/l	98

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VD0425SBS01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

