

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072367.D
 Acq On : 22 Mar 2022 17:29
 Operator : VA/SY
 Sample : VD0322SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS02

Quant Time: Mar 23 01:13:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	304121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	491739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	470950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	176621	52.112	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.220%			
35) Dibromofluoromethane	7.908	113	172576	49.872	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.740%			
50) Toluene-d8	10.332	98	618705	48.898	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.800%			
62) 4-Bromofluorobenzene	12.620	95	232891	47.370	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	53557	19.040	ug/l	96
3) Chloromethane	2.209	50	46829	18.735	ug/l	99
4) Vinyl Chloride	2.344	62	49967	20.709	ug/l	95
5) Bromomethane	2.744	94	33745	21.478	ug/l	90
6) Chloroethane	2.909	64	34944	21.905	ug/l	93
7) Trichlorofluoromethane	3.268	101	109576	20.110	ug/l	94
8) Diethyl Ether	3.709	74	32998	21.927	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	75717	21.793	ug/l	97
10) Methyl Iodide	4.297	142	42386	15.238	ug/l	99
11) Tert butyl alcohol	5.220	59	24658	125.478	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	53941	19.299	ug/l	98
13) Acrolein	3.915	56	16625	94.809	ug/l	94
14) Allyl chloride	4.703	41	97915	20.036	ug/l	94
15) Acrylonitrile	5.414	53	94190	124.044	ug/l	99
16) Acetone	4.150	43	106255	144.393	ug/l #	88
17) Carbon Disulfide	4.403	76	78454	13.174	ug/l	96
18) Methyl Acetate	4.714	43	57093	31.660	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	172922	22.762	ug/l	99
20) Methylene Chloride	4.956	84	98958	23.803	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	58955	19.070	ug/l	98
22) Diisopropyl ether	6.361	45	263904	23.675	ug/l	92
23) Vinyl Acetate	6.297	43	602403	105.894	ug/l	97
24) 1,1-Dichloroethane	6.256	63	146484	22.283	ug/l	99
25) 2-Butanone	7.208	43	130631	133.140	ug/l	99
26) 2,2-Dichloropropane	7.208	77	123622	20.842	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	81181	20.568	ug/l	98
28) Bromochloromethane	7.544	49	56648	21.405	ug/l	89
29) Tetrahydrofuran	7.556	42	72707	126.024	ug/l	93
30) Chloroform	7.708	83	164959	23.554	ug/l	99
31) Cyclohexane	7.979	56	96124	18.153	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	135311	21.754	ug/l	98
36) 1,1-Dichloropropene	8.108	75	91839	18.918	ug/l	96
37) Ethyl Acetate	7.291	43	52240	24.566	ug/l #	94
38) Carbon Tetrachloride	8.091	117	114973	20.835	ug/l	97
39) Methylcyclohexane	9.350	83	91343	16.721	ug/l	95
40) Benzene	8.350	78	284308	20.529	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	31115	25.104	ug/l	92
42) 1,2-Dichloroethane	8.414	62	97731	23.263	ug/l	96
43) Isopropyl Acetate	8.450	43	99499	24.107	ug/l #	95
44) Trichloroethene	9.108	130	77081	19.826	ug/l	94
45) 1,2-Dichloropropane	9.385	63	86812	22.856	ug/l	95
46) Dibromomethane	9.473	93	43292	23.171	ug/l	96
47) Bromodichloromethane	9.655	83	130837	24.021	ug/l	97
48) Methyl methacrylate	9.450	41	47866	24.288	ug/l	87
49) 1,4-Dioxane	9.450	88	11022	491.948	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	285919	131.894	ug/l	96
52) Toluene	10.397	92	193734	21.259	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	112663	22.640	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	127569	22.175	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	69884	24.554	ug/l	97
56) Ethyl methacrylate	10.655	69	75114	22.532	ug/l	93
57) 1,3-Dichloropropane	10.938	76	114437	23.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	142945	95.365	ug/l	97
59) 2-Hexanone	10.979	43	204017	136.263	ug/l	98
60) Dibromochloromethane	11.132	129	87663	23.736	ug/l	97
61) 1,2-Dibromoethane	11.238	107	60747	23.620	ug/l	99
64) Tetrachloroethene	10.867	164	70384	21.211	ug/l	95
65) Chlorobenzene	11.661	112	221827	21.246	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	93356	22.611	ug/l	98
67) Ethyl Benzene	11.738	91	385470	20.671	ug/l	99
68) m/p-Xylenes	11.844	106	294494	41.590	ug/l	100
69) o-Xylene	12.173	106	137863	20.355	ug/l	99
70) Styrene	12.185	104	257176	21.745	ug/l	98
71) Bromoform	12.349	173	52271	23.701	ug/l #	98
73) Isopropylbenzene	12.467	105	402414	20.571	ug/l	100
74) N-amyl acetate	12.279	43	98983	23.545	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	87463	24.998	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	64535m	23.699	ug/l	
77) Bromobenzene	12.749	156	96655	21.952	ug/l	94
78) n-propylbenzene	12.808	91	502455	21.145	ug/l	100
79) 2-Chlorotoluene	12.896	91	292820	21.311	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	360545	21.453	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	25486	23.221	ug/l	93
82) 4-Chlorotoluene	12.996	91	308832	21.708	ug/l	100
83) tert-Butylbenzene	13.214	119	307289	20.855	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	358680	21.660	ug/l	100
85) sec-Butylbenzene	13.390	105	476193	21.521	ug/l	100
86) p-Isopropyltoluene	13.502	119	397705	21.843	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	203501	22.053	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	201401	22.010	ug/l	99
89) n-Butylbenzene	13.832	91	370615	21.355	ug/l	99
90) Hexachloroethane	14.096	117	79705	22.335	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	180835	22.477	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12710	22.763	ug/l	78
93) 1,2,4-Trichlorobenzene	15.149	180	111793	20.988	ug/l	98
94) Hexachlorobutadiene	15.255	225	64096	20.686	ug/l	99
95) Naphthalene	15.384	128	199941	21.775	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	102129	22.151	ug/l	99

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

