

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072924.D
 Acq On : 11 May 2022 12:02
 Operator : VA/SY
 Sample : VD0511SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0511SBS01

Quant Time: May 11 13:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/12/2022
 Supervised By :Semsettin Yesilyurt 05/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	303976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	508717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	489454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	251014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206667	52.376	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.760%			
35) Dibromofluoromethane	7.908	113	200138	56.018	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.040%			
50) Toluene-d8	10.332	98	706501	55.127	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.260%			
62) 4-Bromofluorobenzene	12.620	95	271622	56.840	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	79277	18.873	ug/l	96
3) Chloromethane	2.209	50	80105	18.337	ug/l	100
4) Vinyl Chloride	2.350	62	75760	19.327	ug/l	95
5) Bromomethane	2.750	94	53544	21.321	ug/l	97
6) Chloroethane	2.915	64	48418	19.819	ug/l	98
7) Trichlorofluoromethane	3.273	101	137747	20.068	ug/l	94
8) Diethyl Ether	3.709	74	37493	19.053	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	81496	19.999	ug/l	98
10) Methyl Iodide	4.291	142	73318	17.928	ug/l	99
11) Tert butyl alcohol	5.197	59	47758	139.890	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	70705	19.290	ug/l	88
13) Acrolein	3.920	56	23219	86.964	ug/l	97
14) Allyl chloride	4.715	41	116399	19.670	ug/l	92
15) Acrylonitrile	5.414	53	92877	99.311	ug/l	97
16) Acetone	4.156	43	73773	91.023	ug/l	93
17) Carbon Disulfide	4.403	76	206849	17.948	ug/l	99
18) Methyl Acetate	4.720	43	48071	22.252	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	180772	20.573	ug/l	95
20) Methylene Chloride	4.962	84	106561	18.630	ug/l #	82
21) trans-1,2-Dichloroethene	5.467	96	82662	19.664	ug/l	90
22) Diisopropyl ether	6.362	45	269023	20.666	ug/l	92
23) Vinyl Acetate	6.303	43	689497	95.881	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	158910	20.318	ug/l	97
25) 2-Butanone	7.203	43	110821	96.392	ug/l	95
26) 2,2-Dichloropropane	7.203	77	134411	20.329	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	94882	19.707	ug/l	96
28) Bromochloromethane	7.544	49	54565	18.709	ug/l	86
29) Tetrahydrofuran	7.561	42	70561	96.287	ug/l	91
30) Chloroform	7.703	83	167258	20.211	ug/l	98
31) Cyclohexane	7.985	56	133460	19.349	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	143054	20.283	ug/l	97
36) 1,1-Dichloropropene	8.103	75	121767	20.960	ug/l	99
37) Ethyl Acetate	7.291	43	51752	19.378	ug/l #	96
38) Carbon Tetrachloride	8.097	117	124316	20.615	ug/l	93
39) Methylcyclohexane	9.350	83	132681	19.690	ug/l	94
40) Benzene	8.350	78	345593	20.600	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	35025	22.026	ug/l	95
42) 1,2-Dichloroethane	8.414	62	106759	21.117	ug/l	96
43) Isopropyl Acetate	8.450	43	99680	20.222	ug/l	94
44) Trichloroethene	9.103	130	92874	20.692	ug/l	94
45) 1,2-Dichloropropane	9.379	63	91591	20.788	ug/l	98
46) Dibromomethane	9.467	93	47670	19.614	ug/l	93
47) Bromodichloromethane	9.655	83	130575	20.885	ug/l	98
48) Methyl methacrylate	9.450	41	50294	20.857	ug/l	90
49) 1,4-Dioxane	9.461	88	11585	423.304	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	267121	104.288	ug/l	96
52) Toluene	10.397	92	223844	21.389	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	118486	20.632	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	142106	21.299	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	71458	21.749	ug/l	92
56) Ethyl methacrylate	10.655	69	79698	20.602	ug/l	90
57) 1,3-Dichloropropane	10.938	76	118400	21.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	177553	94.667	ug/l	96
59) 2-Hexanone	10.973	43	175593	101.881	ug/l	97
60) Dibromochloromethane	11.132	129	85316	20.628	ug/l	99
61) 1,2-Dibromoethane	11.238	107	64697	20.231	ug/l	97
64) Tetrachloroethene	10.873	164	74926	20.938	ug/l	96
65) Chlorobenzene	11.661	112	239563	21.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	87977	20.678	ug/l	96
67) Ethyl Benzene	11.738	91	413049	21.083	ug/l	98
68) m/p-Xylenes	11.844	106	326948	43.322	ug/l	100
69) o-Xylene	12.173	106	149351	21.190	ug/l	98
70) Styrene	12.185	104	263096	21.544	ug/l	98
71) Bromoform	12.349	173	46936	20.356	ug/l #	95
73) Isopropylbenzene	12.467	105	400195	20.492	ug/l	100
74) N-amyl acetate	12.279	43	93469	19.219	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	78761	19.979	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	58087m	20.753	ug/l	
77) Bromobenzene	12.749	156	94165	20.305	ug/l	97
78) n-propylbenzene	12.808	91	504774	20.508	ug/l	100
79) 2-Chlorotoluene	12.896	91	293860	20.438	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	345901	20.888	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	24310	19.973	ug/l	92
82) 4-Chlorotoluene	12.996	91	314252	20.918	ug/l	99
83) tert-Butylbenzene	13.208	119	291783	20.725	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	339691	20.522	ug/l	98
85) sec-Butylbenzene	13.391	105	444643	20.940	ug/l	100
86) p-Isopropyltoluene	13.502	119	361841	20.784	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	193316	20.693	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	189976	20.420	ug/l	99
89) n-Butylbenzene	13.826	91	344039	20.400	ug/l	100
90) Hexachloroethane	14.096	117	72815	20.416	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	165425	20.317	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11906	19.052	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	97286	20.176	ug/l	99
94) Hexachlorobutadiene	15.249	225	52435	19.911	ug/l	100
95) Naphthalene	15.385	128	171982	19.399	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	84736	19.824	ug/l	99

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

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