

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073652.D
 Acq On : 22 Jun 2022 13:34
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 09:27:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	237105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	379347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	359295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	184632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	132814	48.683	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.360%		
35) Dibromofluoromethane	7.909	113	134672	48.937	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.880%		
50) Toluene-d8	10.332	98	475789	48.305	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.600%		
62) 4-Bromofluorobenzene	12.620	95	179678	49.743	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	48228	21.692	ug/l	93
3) Chloromethane	2.209	50	42035	20.287	ug/l	94
4) Vinyl Chloride	2.344	62	41521	21.255	ug/l	91
5) Bromomethane	2.750	94	30759	20.971	ug/l	98
6) Chloroethane	2.909	64	26675	21.100	ug/l #	88
7) Trichlorofluoromethane	3.262	101	95073	21.008	ug/l	97
8) Diethyl Ether	3.709	74	23317	19.750	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	56238	21.512	ug/l	95
10) Methyl Iodide	4.297	142	52976	20.920	ug/l	100
11) Tert butyl alcohol	5.215	59	30254	118.102	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	46431	20.319	ug/l	99
13) Acrolein	3.921	56	5809	74.101	ug/l	94
14) Allyl chloride	4.703	41	68743	20.907	ug/l	99
15) Acrylonitrile	5.409	53	57594	107.532	ug/l	99
16) Acetone	4.156	43	44259	102.046	ug/l	95
17) Carbon Disulfide	4.409	76	124014	18.826	ug/l	98
18) Methyl Acetate	4.715	43	29104	22.949	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	116271	21.505	ug/l	94
20) Methylene Chloride	4.962	84	68929	21.108	ug/l	97
21) trans-1,2-Dichloroethene	5.462	96	56455	20.779	ug/l	97
22) Diisopropyl ether	6.362	45	155203	21.038	ug/l	98
23) Vinyl Acetate	6.297	43	398246	103.232	ug/l	99
24) 1,1-Dichloroethane	6.256	63	103857	21.024	ug/l	98
25) 2-Butanone	7.209	43	66055	104.622	ug/l	92
26) 2,2-Dichloropropane	7.197	77	94596	20.843	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	65168	20.792	ug/l	99
28) Bromochloromethane	7.538	49	34611	18.706	ug/l	94
29) Tetrahydrofuran	7.561	42	42183	107.729	ug/l	98
30) Chloroform	7.703	83	114695	20.509	ug/l	97
31) Cyclohexane	7.979	56	81431	19.618	ug/l #	93
32) 1,1,1-Trichloroethane	7.897	97	105128	21.126	ug/l	99
36) 1,1-Dichloropropene	8.103	75	79609	20.653	ug/l	98
37) Ethyl Acetate	7.285	43	29667	20.003	ug/l	95
38) Carbon Tetrachloride	8.091	117	94775	21.648	ug/l	99
39) Methylcyclohexane	9.350	83	84345	19.748	ug/l	92
40) Benzene	8.344	78	230679	20.688	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	17671	21.524	ug/l	98
42) 1,2-Dichloroethane	8.414	62	69580	20.890	ug/l	99
43) Isopropyl Acetate	8.444	43	58795	21.058	ug/l	99
44) Trichloroethene	9.108	130	65748	20.703	ug/l	92
45) 1,2-Dichloropropane	9.379	63	58020	20.706	ug/l	99
46) Dibromomethane	9.467	93	32785	20.604	ug/l	98
47) Bromodichloromethane	9.655	83	88831	21.453	ug/l	99
48) Methyl methacrylate	9.450	41	30405	21.514	ug/l	97
49) 1,4-Dioxane	9.456	88	6874	389.850	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	154235	107.596	ug/l	99
52) Toluene	10.397	92	153700	21.090	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	76574	20.194	ug/l	90
54) cis-1,3-Dichloropropene	10.079	75	91042	20.535	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	46131	20.531	ug/l	98
56) Ethyl methacrylate	10.655	69	50651	20.428	ug/l	98
57) 1,3-Dichloropropane	10.938	76	75542	20.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	97490	97.768	ug/l	99
59) 2-Hexanone	10.979	43	103515	104.716	ug/l	99
60) Dibromochloromethane	11.132	129	60456	20.639	ug/l	100
61) 1,2-Dibromoethane	11.238	107	44409	20.631	ug/l	98
64) Tetrachloroethene	10.867	164	56463	21.229	ug/l	94
65) Chlorobenzene	11.661	112	166166	20.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	66151	21.276	ug/l	99
67) Ethyl Benzene	11.738	91	287892	21.106	ug/l	100
68) m/p-Xylenes	11.844	106	228155	42.475	ug/l	99
69) o-Xylene	12.173	106	106552	21.282	ug/l	97
70) Styrene	12.185	104	185188	21.570	ug/l	100
71) Bromoform	12.349	173	34738	20.519	ug/l #	98
73) Isopropylbenzene	12.467	105	287553	21.585	ug/l	100
74) N-amyl acetate	12.279	43	56982	21.163	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	51818	20.684	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	35478m	19.854	ug/l	
77) Bromobenzene	12.749	156	68679	21.184	ug/l	99
78) n-propylbenzene	12.808	91	357943	21.936	ug/l	100
79) 2-Chlorotoluene	12.897	91	207529	21.683	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	252586	22.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	16011	20.678	ug/l	93
82) 4-Chlorotoluene	12.996	91	221271	21.660	ug/l	98
83) tert-Butylbenzene	13.208	119	217143	22.047	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	248349	22.128	ug/l	99
85) sec-Butylbenzene	13.391	105	327366	22.353	ug/l	99
86) p-Isopropyltoluene	13.502	119	272471	22.524	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	143407	21.441	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	139267	21.009	ug/l	97
89) n-Butylbenzene	13.832	91	249712	21.954	ug/l	99
90) Hexachloroethane	14.096	117	55821	21.606	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	126287	21.886	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	8645	22.097	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	75245	22.385	ug/l	97
94) Hexachlorobutadiene	15.249	225	43142	22.648	ug/l	98
95) Naphthalene	15.385	128	123905	20.691	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	64189	21.952	ug/l	96

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

