

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073651.D
 Acq On : 22 Jun 2022 13:06
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Quant Time: Jun 23 09:26:49 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	237588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	371468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	357853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	184106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	129176	47.253	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.500%		
35) Dibromofluoromethane	7.908	113	135089	50.130	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.260%		
50) Toluene-d8	10.332	98	477392	49.495	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.000%		
62) 4-Bromofluorobenzene	12.620	95	178842	50.561	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	48347	21.703	ug/l	90
3) Chloromethane	2.209	50	42069	20.263	ug/l	91
4) Vinyl Chloride	2.344	62	41247	21.071	ug/l	99
5) Bromomethane	2.750	94	31107	21.191	ug/l	99
6) Chloroethane	2.909	64	27496	21.706	ug/l	93
7) Trichlorofluoromethane	3.267	101	94747	20.894	ug/l	93
8) Diethyl Ether	3.709	74	23908	20.210	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.085	101	54851	20.939	ug/l	98
10) Methyl Iodide	4.297	142	49468	19.495	ug/l	98
11) Tert butyl alcohol	5.179	59	32220m	131.383	ug/l	
12) 1,1-Dichloroethene	4.067	96	47343	20.676	ug/l	96
13) Acrolein	3.926	56	5115	67.669	ug/l	100
14) Allyl chloride	4.709	41	68435	20.771	ug/l	99
15) Acrylonitrile	5.414	53	53810	100.263	ug/l	98
16) Acetone	4.161	43	43542	100.189	ug/l	91
17) Carbon Disulfide	4.403	76	123559	18.719	ug/l	98
18) Methyl Acetate	4.714	43	27225	21.224	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	115159	21.256	ug/l	93
20) Methylene Chloride	4.961	84	67375	20.443	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	54443	19.998	ug/l	90
22) Diisopropyl ether	6.361	45	152962	20.692	ug/l	96
23) Vinyl Acetate	6.303	43	389901	100.863	ug/l	99
24) 1,1-Dichloroethane	6.261	63	98019	19.802	ug/l	95
25) 2-Butanone	7.202	43	62374	98.591	ug/l	96
26) 2,2-Dichloropropane	7.197	77	95471	20.993	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	62383	19.863	ug/l	94
28) Bromochloromethane	7.544	49	33363	17.995	ug/l	97
29) Tetrahydrofuran	7.567	42	40482	103.175	ug/l	100
30) Chloroform	7.702	83	112128	20.009	ug/l	97
31) Cyclohexane	7.979	56	84129	20.227	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	102798	20.615	ug/l	99
36) 1,1-Dichloropropene	8.102	75	79945	21.180	ug/l	100
37) Ethyl Acetate	7.285	43	31674	21.809	ug/l	97
38) Carbon Tetrachloride	8.085	117	93688	21.854	ug/l	94
39) Methylcyclohexane	9.349	83	85485	20.439	ug/l	97
40) Benzene	8.344	78	227705	20.855	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	16451	20.463	ug/l	96
42) 1,2-Dichloroethane	8.414	62	70687	21.673	ug/l	97
43) Isopropyl Acetate	8.450	43	58011	21.218	ug/l	98
44) Trichloroethene	9.102	130	64908	20.872	ug/l	97
45) 1,2-Dichloropropane	9.379	63	57561	20.978	ug/l	95
46) Dibromomethane	9.467	93	32976	21.164	ug/l	96
47) Bromodichloromethane	9.655	83	86036	21.218	ug/l #	97
48) Methyl methacrylate	9.449	41	26124	18.877	ug/l	88
49) 1,4-Dioxane	9.455	88	7341	425.166	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	150782	107.418	ug/l	98
52) Toluene	10.396	92	151953	21.292	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	77205	20.792	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	88849	20.465	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	46265	21.027	ug/l	94
56) Ethyl methacrylate	10.655	69	48553	19.997	ug/l	99
57) 1,3-Dichloropropane	10.938	76	73563	20.300	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	98501	100.877	ug/l	99
59) 2-Hexanone	10.979	43	99658	102.953	ug/l	100
60) Dibromochloromethane	11.132	129	60611	21.131	ug/l	97
61) 1,2-Dibromoethane	11.238	107	43835	20.796	ug/l	97
64) Tetrachloroethene	10.867	164	55445	20.930	ug/l	98
65) Chlorobenzene	11.661	112	166171	20.795	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	63639	20.550	ug/l	97
67) Ethyl Benzene	11.732	91	285351	21.004	ug/l	95
68) m/p-Xylenes	11.843	106	224656	41.992	ug/l	98
69) o-Xylene	12.173	106	105471	21.151	ug/l	98
70) Styrene	12.185	104	182565	21.350	ug/l	99
71) Bromoform	12.349	173	35060	20.793	ug/l #	98
73) Isopropylbenzene	12.467	105	282640	21.277	ug/l	99
74) N-amyl acetate	12.279	43	55341	20.612	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	49841	19.952	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	30269m	16.987	ug/l	
77) Bromobenzene	12.749	156	67546	20.895	ug/l	98
78) n-propylbenzene	12.808	91	360293	22.143	ug/l	99
79) 2-Chlorotoluene	12.896	91	203705	21.344	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	250100	22.045	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	15173	19.652	ug/l	91
82) 4-Chlorotoluene	12.990	91	217164	21.319	ug/l	99
83) tert-Butylbenzene	13.208	119	208526	21.233	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	249247	22.271	ug/l	100
85) sec-Butylbenzene	13.385	105	320457	21.944	ug/l	98
86) p-Isopropyltoluene	13.502	119	268299	22.242	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	140129	21.011	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	141395	21.391	ug/l	99
89) n-Butylbenzene	13.826	91	246655	21.748	ug/l	98
90) Hexachloroethane	14.096	117	54292	21.074	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	121880	21.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	8673	22.232	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	72103	21.512	ug/l	96
94) Hexachlorobutadiene	15.249	225	41373	21.781	ug/l	98
95) Naphthalene	15.379	128	121763	20.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	62452	21.419	ug/l	99

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

