

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072357.D
 Acq On : 22 Mar 2022 11:49
 Operator : VA/SY
 Sample : VD0322SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

Quant Time: Mar 23 01:11:06 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

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 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	336146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	547116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	519677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	269641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212086	56.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.220%	
35) Dibromofluoromethane	7.908	113	206811	53.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.440%	
50) Toluene-d8	10.332	98	751346	53.370	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.740%	
62) 4-Bromofluorobenzene	12.626	95	285665	52.224	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	53105	17.080	ug/l	89
3) Chloromethane	2.209	50	48558	17.576	ug/l	91
4) Vinyl Chloride	2.350	62	48406	18.151	ug/l	97
5) Bromomethane	2.756	94	31977	18.414	ug/l	96
6) Chloroethane	2.915	64	33978	19.270	ug/l	98
7) Trichlorofluoromethane	3.267	101	107176	17.796	ug/l	97
8) Diethyl Ether	3.709	74	31346	18.845	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	70532	18.367	ug/l	95
10) Methyl Iodide	4.303	142	46072	15.022	ug/l	96
11) Tert butyl alcohol	5.220	59	26952	124.085	ug/l	100
12) 1,1-Dichloroethene	4.062	96	51772	16.758	ug/l	95
13) Acrolein	3.920	56	19110	98.598	ug/l	99
14) Allyl chloride	4.709	41	99151	18.356	ug/l	94
15) Acrylonitrile	5.414	53	92886	110.672	ug/l	98
16) Acetone	4.150	43	104066	127.945	ug/l	97
17) Carbon Disulfide	4.409	76	79116	12.151	ug/l	95
18) Methyl Acetate	4.720	43	54862	27.524	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	172798	20.578	ug/l	99
20) Methylene Chloride	4.967	84	94550	19.577	ug/l	92
21) trans-1,2-Dichloroethene	5.479	96	57985	16.969	ug/l	94
22) Diisopropyl ether	6.361	45	261885	21.256	ug/l	97
23) Vinyl Acetate	6.303	43	616148	97.991	ug/l	99
24) 1,1-Dichloroethane	6.261	63	143283	19.719	ug/l	99
25) 2-Butanone	7.208	43	127837	117.879	ug/l	91
26) 2,2-Dichloropropane	7.208	77	122856	18.739	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	80558	18.466	ug/l	99
28) Bromochloromethane	7.544	49	59878	20.470	ug/l	90
29) Tetrahydrofuran	7.561	42	73293	114.936	ug/l	97
30) Chloroform	7.703	83	158784	20.513	ug/l	96
31) Cyclohexane	7.985	56	94298	16.112	ug/l #	90
32) 1,1,1-Trichloroethane	7.903	97	128795	18.734	ug/l	98
36) 1,1-Dichloropropene	8.108	75	90739	16.800	ug/l	96
37) Ethyl Acetate	7.291	43	50394	21.300	ug/l	96
38) Carbon Tetrachloride	8.097	117	108951	17.746	ug/l	96
39) Methylcyclohexane	9.350	83	88871	14.622	ug/l	97
40) Benzene	8.350	78	281175	18.248	ug/l	98

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03/23/2022
 Supervised By :Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	32054	23.244	ug/l	90
42) 1,2-Dichloroethane	8.420	62	93284	19.957	ug/l	98
43) Isopropyl Acetate	8.444	43	100435	21.871	ug/l	98
44) Trichloroethene	9.108	130	76577	17.702	ug/l	98
45) 1,2-Dichloropropane	9.379	63	85626	20.262	ug/l	93
46) Dibromomethane	9.473	93	43806	21.073	ug/l	97
47) Bromodichloromethane	9.655	83	123563	20.390	ug/l	100
48) Methyl methacrylate	9.450	41	47517	21.670	ug/l	91
49) 1,4-Dioxane	9.461	88	10959	439.628	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	279524	115.893	ug/l	96
52) Toluene	10.397	92	187746	18.516	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	109388	19.757	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	126391	19.747	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	69560	21.966	ug/l	98
56) Ethyl methacrylate	10.655	69	77401	20.868	ug/l	91
57) 1,3-Dichloropropane	10.938	76	111384	20.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	166662	99.934	ug/l	95
59) 2-Hexanone	10.979	43	198286	119.030	ug/l	98
60) Dibromochloromethane	11.132	129	85483	20.803	ug/l	99
61) 1,2-Dibromoethane	11.244	107	58359	20.395	ug/l	98
64) Tetrachloroethene	10.873	164	62398	17.041	ug/l	95
65) Chlorobenzene	11.661	112	217772	18.902	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	90155	19.789	ug/l	97
67) Ethyl Benzene	11.738	91	362445	17.614	ug/l	100
68) m/p-Xylenes	11.843	106	280613	35.914	ug/l	99
69) o-Xylene	12.173	106	138148	18.485	ug/l	96
70) Styrene	12.185	104	241830	18.530	ug/l	98
71) Bromoform	12.349	173	49262	20.242	ug/l #	95
73) Isopropylbenzene	12.473	105	384627	18.000	ug/l	99
74) N-amyl acetate	12.279	43	98334	21.415	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	81728	21.386	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	65733m	22.100	ug/l	
77) Bromobenzene	12.749	156	91558	19.038	ug/l	96
78) n-propylbenzene	12.814	91	477375	18.393	ug/l	99
79) 2-Chlorotoluene	12.896	91	279835	18.646	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	341851	18.622	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	24192	20.180	ug/l	95
82) 4-Chlorotoluene	12.996	91	295842	19.038	ug/l	100
83) tert-Butylbenzene	13.214	119	290535	18.053	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	338615	18.721	ug/l	99
85) sec-Butylbenzene	13.390	105	445201	18.421	ug/l	99
86) p-Isopropyltoluene	13.508	119	362278	18.216	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	193169	19.165	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	192645	19.274	ug/l	100
89) n-Butylbenzene	13.832	91	350533	18.492	ug/l	100
90) Hexachloroethane	14.102	117	73843	18.944	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	172757	19.659	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12702	20.827	ug/l	91
93) 1,2,4-Trichlorobenzene	15.149	180	107184	18.423	ug/l	99
94) Hexachlorobutadiene	15.255	225	60049	17.743	ug/l	100
95) Naphthalene	15.384	128	194203	19.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	97204	19.301	ug/l	99

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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

