

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071887.D
 Acq On : 03 Feb 2022 12:01
 Operator : VA/SY
 Sample : VD0203SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01

Quant Time: Feb 04 00:49:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	358965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	610406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	279260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241251	53.173	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.340%			
35) Dibromofluoromethane	7.908	113	213048	53.098	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.200%			
50) Toluene-d8	10.332	98	777740	51.902	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.800%			
62) 4-Bromofluorobenzene	12.626	95	266554	50.938	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	94295	22.152	ug/l	98
3) Chloromethane	2.209	50	109576	21.501	ug/l	98
4) Vinyl Chloride	2.350	62	109845	20.587	ug/l	99
5) Bromomethane	2.756	94	70034	19.893	ug/l	99
6) Chloroethane	2.915	64	71450	21.131	ug/l	99
7) Trichlorofluoromethane	3.273	101	156551	20.473	ug/l	98
8) Diethyl Ether	3.715	74	44174	21.894	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	89509	20.749	ug/l	100
10) Methyl Iodide	4.303	142	66169	14.962	ug/l	98
11) Tert butyl alcohol	5.232	59	25819	64.726	ug/l	95
12) 1,1-Dichloroethene	4.067	96	79752	20.223	ug/l	94
13) Acrolein	3.926	56	43973	109.117	ug/l	96
14) Allyl chloride	4.714	41	151106	20.101	ug/l	99
15) Acrylonitrile	5.426	53	111055	108.301	ug/l	98
16) Acetone	4.162	43	115218	92.768	ug/l #	89
17) Carbon Disulfide	4.409	76	267031	19.419	ug/l	97
18) Methyl Acetate	4.714	43	55604	20.707	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	196031	20.778	ug/l	98
20) Methylene Chloride	4.956	84	97480	19.199	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	92152	20.072	ug/l	99
22) Diisopropyl ether	6.367	45	313659	21.289	ug/l	97
23) Vinyl Acetate	6.308	43	853903	105.058	ug/l	99
24) 1,1-Dichloroethane	6.267	63	181212	21.102	ug/l	98
25) 2-Butanone	7.214	43	146898	101.457	ug/l	95
26) 2,2-Dichloropropane	7.203	77	140135	19.719	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	100349	20.350	ug/l	100
28) Bromochloromethane	7.544	49	62942	19.432	ug/l	99
29) Tetrahydrofuran	7.561	42	92152	107.566	ug/l	97
30) Chloroform	7.708	83	185905	21.189	ug/l	94
31) Cyclohexane	7.979	56	165597	19.118	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	158899	20.534	ug/l	97
36) 1,1-Dichloropropene	8.114	75	139984	20.327	ug/l	99
37) Ethyl Acetate	7.291	43	67249	21.003	ug/l	97
38) Carbon Tetrachloride	8.091	117	137660	20.213	ug/l	98
39) Methylcyclohexane	9.350	83	152230	19.078	ug/l	91
40) Benzene	8.350	78	376316	20.243	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	41800	23.077	ug/l	96
42) 1,2-Dichloroethane	8.420	62	121509	20.700	ug/l	100
43) Isopropyl Acetate	8.450	43	123004	21.375	ug/l	97
44) Trichloroethene	9.108	130	98441	20.510	ug/l	93
45) 1,2-Dichloropropane	9.385	63	98833	20.619	ug/l	100
46) Dibromomethane	9.473	93	52815	21.044	ug/l	98
47) Bromodichloromethane	9.655	83	136764	20.604	ug/l	97
48) Methyl methacrylate	9.450	41	60407	19.835	ug/l	97
49) 1,4-Dioxane	9.455	88	12691	443.020	ug/l #	95
51) 4-Methyl-2-Pentanone	10.226	43	323264	107.346	ug/l	98
52) Toluene	10.397	92	235810	20.400	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	126670	20.778	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	143883	20.135	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	71209	21.378	ug/l	92
56) Ethyl methacrylate	10.655	69	84210	20.419	ug/l	98
57) 1,3-Dichloropropane	10.938	76	124735	20.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	204791	105.485	ug/l	98
59) 2-Hexanone	10.979	43	227342	104.013	ug/l	96
60) Dibromochloromethane	11.132	129	87124	21.181	ug/l	97
61) 1,2-Dibromoethane	11.238	107	65045	20.268	ug/l	97
64) Tetrachloroethene	10.867	164	78075	19.232	ug/l	97
65) Chlorobenzene	11.661	112	247169	20.357	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	90726	20.539	ug/l	100
67) Ethyl Benzene	11.738	91	439259	19.661	ug/l	99
68) m/p-Xylenes	11.843	106	339414	39.940	ug/l	99
69) o-Xylene	12.173	106	153122	19.828	ug/l	98
70) Styrene	12.185	104	272397	20.464	ug/l	98
71) Bromoform	12.355	173	47331	20.069	ug/l #	96
73) Isopropylbenzene	12.467	105	411006	19.007	ug/l	99
74) N-amyl acetate	12.279	43	107280	20.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	82125	20.522	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	54511m	18.522	ug/l	
77) Bromobenzene	12.749	156	94929	19.735	ug/l	98
78) n-propylbenzene	12.808	91	525461	19.379	ug/l	100
79) 2-Chlorotoluene	12.896	91	299678	19.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	357646	19.940	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	22626	18.903	ug/l	95
82) 4-Chlorotoluene	12.996	91	313963	19.639	ug/l	99
83) tert-Butylbenzene	13.214	119	289639	19.485	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	346675	19.649	ug/l	100
85) sec-Butylbenzene	13.390	105	447246	19.229	ug/l	100
86) p-Isopropyltoluene	13.502	119	368128	19.477	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	188315	19.279	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	188430	19.329	ug/l	98
89) n-Butylbenzene	13.832	91	360869	19.461	ug/l	99
90) Hexachloroethane	14.096	117	75913	20.206	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	165314	19.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13670	20.627	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	92766	18.997	ug/l	99
94) Hexachlorobutadiene	15.249	225	53698	20.168	ug/l	99
95) Naphthalene	15.384	128	172788	18.747	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	84576	20.207	ug/l	97

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

