

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071858.D
 Acq On : 31 Jan 2022 21:13
 Operator : VA/SY
 Sample : VD0131SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/01/2022
 Supervised By :Mahesh Dadoda 02/03/2022

Quant Time: Feb 01 04:06:43 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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	342210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	593992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	551193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	272639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	244620	56.555	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.100%			
35) Dibromofluoromethane	7.914	113	207600	53.170	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.340%			
50) Toluene-d8	10.338	98	777604	53.327	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.660%			
62) 4-Bromofluorobenzene	12.626	95	272392	53.492	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	90826	22.381	ug/l	94
3) Chloromethane	2.215	50	115701	23.814	ug/l	100
4) Vinyl Chloride	2.356	62	113643	22.342	ug/l	95
5) Bromomethane	2.762	94	76534	22.804	ug/l	93
6) Chloroethane	2.921	64	70143	21.760	ug/l	100
7) Trichlorofluoromethane	3.279	101	153690	21.083	ug/l	93
8) Diethyl Ether	3.715	74	43606	22.671	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.109	101	87220	21.208	ug/l	99
10) Methyl Iodide	4.303	142	68372	16.217	ug/l	97
11) Tert butyl alcohol	5.220	59	30461	91.942	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	79109	21.042	ug/l	98
13) Acrolein	3.926	56	45982	119.689	ug/l	99
14) Allyl chloride	4.720	41	152913	21.337	ug/l	100
15) Acrylonitrile	5.426	53	111772	114.337	ug/l	99
16) Acetone	4.156	43	110019	92.919	ug/l	100
17) Carbon Disulfide	4.415	76	273639	20.874	ug/l	98
18) Methyl Acetate	4.720	43	64871	25.341	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	196936	21.896	ug/l	99
20) Methylene Chloride	4.967	84	100247	21.029	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	93917	21.458	ug/l	99
22) Diisopropyl ether	6.367	45	318384	22.667	ug/l	92
23) Vinyl Acetate	6.309	43	860829	111.096	ug/l	100
24) 1,1-Dichloroethane	6.267	63	184249	22.506	ug/l	97
25) 2-Butanone	7.214	43	148660	107.700	ug/l	95
26) 2,2-Dichloropropane	7.214	77	139640	20.612	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	104510	22.232	ug/l	99
28) Bromochloromethane	7.550	49	63935	20.705	ug/l	99
29) Tetrahydrofuran	7.561	42	97286	119.119	ug/l	98
30) Chloroform	7.708	83	187455	22.412	ug/l	99
31) Cyclohexane	7.985	56	167202	20.248	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	156693	21.240	ug/l	98
36) 1,1-Dichloropropene	8.114	75	137382	20.500	ug/l	97
37) Ethyl Acetate	7.291	43	70607	22.662	ug/l	97
38) Carbon Tetrachloride	8.097	117	136151	20.544	ug/l	92
39) Methylcyclohexane	9.355	83	151654	19.531	ug/l	92
40) Benzene	8.350	78	385150	21.291	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	36316	20.603	ug/l	89
42) 1,2-Dichloroethane	8.426	62	127044	22.241	ug/l	98
43) Isopropyl Acetate	8.456	43	121550	21.706	ug/l	99
44) Trichloroethene	9.114	130	99086	21.214	ug/l	96
45) 1,2-Dichloropropane	9.385	63	98545	21.127	ug/l	98
46) Dibromomethane	9.473	93	52858	21.643	ug/l	98
47) Bromodichloromethane	9.661	83	139975	21.671	ug/l	98
48) Methyl methacrylate	9.455	41	63960	21.582	ug/l	98
49) 1,4-Dioxane	9.455	88	11772	422.295	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	331647	113.173	ug/l	99
52) Toluene	10.402	92	236811	21.052	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	124765	21.031	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	145584	20.936	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	72456	22.354	ug/l	96
56) Ethyl methacrylate	10.655	69	86423	21.535	ug/l	98
57) 1,3-Dichloropropane	10.944	76	129086	22.308	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	202993	107.449	ug/l	98
59) 2-Hexanone	10.979	43	223814	105.228	ug/l	98
60) Dibromochloromethane	11.132	129	88197	22.035	ug/l	99
61) 1,2-Dibromoethane	11.244	107	69661	22.306	ug/l	100
64) Tetrachloroethene	10.873	164	82263	21.099	ug/l	96
65) Chlorobenzene	11.661	112	246696	21.156	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	87885	20.717	ug/l	98
67) Ethyl Benzene	11.738	91	444128	20.699	ug/l	99
68) m/p-Xylenes	11.849	106	340627	41.737	ug/l	97
69) o-Xylene	12.173	106	154772	20.868	ug/l	100
70) Styrene	12.191	104	272230	21.295	ug/l	100
71) Bromoform	12.355	173	48914	21.595	ug/l #	99
73) Isopropylbenzene	12.473	105	414016	19.611	ug/l	99
74) N-amyl acetate	12.279	43	109478	21.086	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	83634	21.407	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	59579m	20.736	ug/l	
77) Bromobenzene	12.755	156	96667	20.584	ug/l	98
78) n-propylbenzene	12.814	91	527746	19.936	ug/l	100
79) 2-Chlorotoluene	12.902	91	299906	19.992	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	351306	20.062	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	24275	20.773	ug/l	96
82) 4-Chlorotoluene	12.996	91	317458	20.340	ug/l	98
83) tert-Butylbenzene	13.214	119	288235	19.861	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	350308	20.337	ug/l	99
85) sec-Butylbenzene	13.391	105	449145	19.780	ug/l	100
86) p-Isopropyltoluene	13.508	119	372056	20.163	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	190599	19.987	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	189739	19.936	ug/l	99
89) n-Butylbenzene	13.832	91	358676	19.812	ug/l	99
90) Hexachloroethane	14.096	117	73369	20.003	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	166657	20.422	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13912	21.501	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	95205	19.970	ug/l	99
94) Hexachlorobutadiene	15.255	225	51550	19.831	ug/l	97
95) Naphthalene	15.385	128	177856	19.687	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	80340	19.661	ug/l	100

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

