

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071898.D
 Acq On : 04 Feb 2022 14:57
 Operator : VA/SY
 Sample : VD0204SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022

Quant Time: Feb 07 04:19:02 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	7.973	168	385657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	644408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	600648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	291191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249934	51.274	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.540%			
35) Dibromofluoromethane	7.908	113	223088	52.666	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.340%			
50) Toluene-d8	10.332	98	812293	51.347	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.700%			
62) 4-Bromofluorobenzene	12.626	95	274628	49.712	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	98696	21.581	ug/l	99
3) Chloromethane	2.209	50	107163	19.572	ug/l	90
4) Vinyl Chloride	2.344	62	119361	20.822	ug/l	97
5) Bromomethane	2.750	94	73369	19.398	ug/l	98
6) Chloroethane	2.909	64	70357	19.367	ug/l	97
7) Trichlorofluoromethane	3.267	101	159670	19.436	ug/l	96
8) Diethyl Ether	3.709	74	41733	19.253	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	93484	20.170	ug/l	99
10) Methyl Iodide	4.297	142	75740	15.941	ug/l	98
11) Tert butyl alcohol	5.226	59	27181m	62.422	ug/l	
12) 1,1-Dichloroethene	4.067	96	82348	19.436	ug/l	98
13) Acrolein	3.914	56	42156	97.368	ug/l	99
14) Allyl chloride	4.714	41	153057	18.951	ug/l	100
15) Acrylonitrile	5.414	53	109480	99.376	ug/l	98
16) Acetone	4.156	43	109747	82.248	ug/l	97
17) Carbon Disulfide	4.403	76	262003	17.734	ug/l	97
18) Methyl Acetate	4.714	43	53999	18.717	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	192248	18.967	ug/l	99
20) Methylene Chloride	4.961	84	99970	18.143	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	93875	19.032	ug/l	99
22) Diisopropyl ether	6.356	45	311439	19.675	ug/l	98
23) Vinyl Acetate	6.308	43	828807	94.913	ug/l	98
24) 1,1-Dichloroethane	6.261	63	182305	19.759	ug/l	97
25) 2-Butanone	7.214	43	145687	93.656	ug/l	96
26) 2,2-Dichloropropane	7.208	77	144818	18.968	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	100067	18.889	ug/l	99
28) Bromochloromethane	7.538	49	61257	17.603	ug/l	99
29) Tetrahydrofuran	7.561	42	90969	98.836	ug/l	99
30) Chloroform	7.708	83	186976	19.837	ug/l	93
31) Cyclohexane	7.985	56	174053	18.703	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	160546	19.311	ug/l	97
36) 1,1-Dichloropropene	8.108	75	139897	19.242	ug/l	98
37) Ethyl Acetate	7.291	43	65259	19.307	ug/l	97
38) Carbon Tetrachloride	8.097	117	143290	19.930	ug/l	99
39) Methylcyclohexane	9.349	83	154989	18.398	ug/l	93
40) Benzene	8.350	78	375100	19.113	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	41343	21.620	ug/l	95
42) 1,2-Dichloroethane	8.420	62	119871	19.343	ug/l	100
43) Isopropyl Acetate	8.450	43	120243	19.793	ug/l	98
44) Trichloroethene	9.108	130	98817	19.502	ug/l	89
45) 1,2-Dichloropropane	9.379	63	96927	19.154	ug/l	96
46) Dibromomethane	9.473	93	52035	19.639	ug/l	99
47) Bromodichloromethane	9.655	83	138587	19.777	ug/l	98
48) Methyl methacrylate	9.449	41	60384	18.781	ug/l	99
49) 1,4-Dioxane	9.461	88	12281	406.087	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	313882	98.731	ug/l	99
52) Toluene	10.396	92	239087	19.592	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	121175	18.828	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	141733	18.787	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	69137	19.661	ug/l	98
56) Ethyl methacrylate	10.655	69	82599	18.972	ug/l	97
57) 1,3-Dichloropropane	10.938	76	124376	19.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	203535	99.307	ug/l	98
59) 2-Hexanone	10.979	43	218636	94.751	ug/l	97
60) Dibromochloromethane	11.132	129	84735	19.513	ug/l	98
61) 1,2-Dibromoethane	11.238	107	66083	19.505	ug/l	100
64) Tetrachloroethene	10.873	164	81400	19.159	ug/l	99
65) Chlorobenzene	11.661	112	245670	19.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	88715	19.191	ug/l	98
67) Ethyl Benzene	11.738	91	442622	18.930	ug/l	100
68) m/p-Xylenes	11.843	106	342377	38.497	ug/l	98
69) o-Xylene	12.173	106	155743	19.270	ug/l	98
70) Styrene	12.185	104	270158	19.393	ug/l	99
71) Bromoform	12.349	173	48234	19.542	ug/l #	98
73) Isopropylbenzene	12.473	105	416708	18.481	ug/l	100
74) N-amyl acetate	12.279	43	111121	20.039	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	81333	19.492	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	62868m	20.486	ug/l	
77) Bromobenzene	12.749	156	93409	18.623	ug/l	98
78) n-propylbenzene	12.808	91	534236	18.895	ug/l	100
79) 2-Chlorotoluene	12.896	91	300614	18.762	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	363450	19.433	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	21996	17.624	ug/l	98
82) 4-Chlorotoluene	12.996	91	315468	18.925	ug/l	100
83) tert-Butylbenzene	13.214	119	296697	19.142	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	356018	19.352	ug/l	100
85) sec-Butylbenzene	13.390	105	466900	19.251	ug/l	99
86) p-Isopropyltoluene	13.502	119	372750	18.914	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	196646	19.307	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	193615	19.048	ug/l	99
89) n-Butylbenzene	13.832	91	369034	19.086	ug/l	99
90) Hexachloroethane	14.096	117	75951	19.388	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	166902	19.149	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13643	19.742	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	94708	18.600	ug/l	97
94) Hexachlorobutadiene	15.255	225	54567	19.654	ug/l	99
95) Naphthalene	15.384	128	171140	17.881	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	84662	19.399	ug/l	100

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

