

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073803.D
 Acq On : 07 Jul 2022 12:31
 Operator : VA/SY
 Sample : VD0707SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 06:29:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	112105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	217637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	197831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	93655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59371	43.043	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.080%		
35) Dibromofluoromethane	7.903	113	57830	43.306	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.620%		
50) Toluene-d8	10.332	98	187043	41.346	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery =	82.700%#		
62) 4-Bromofluorobenzene	12.620	95	81205	43.671	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery =	87.340%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	16787	24.445	ug/l	90
3) Chloromethane	2.209	50	21669	23.004	ug/l	96
4) Vinyl Chloride	2.344	62	27057	23.681	ug/l #	88
5) Bromomethane	2.744	94	19551	22.915	ug/l	100
6) Chloroethane	2.903	64	20750	22.602	ug/l #	88
7) Trichlorofluoromethane	3.256	101	40471	21.588	ug/l	96
8) Diethyl Ether	3.703	74	12241	21.320	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	24967	21.542	ug/l	96
10) Methyl Iodide	4.297	142	18011	23.629	ug/l	98
11) Tert butyl alcohol	5.179	59	42455	90.178	ug/l #	91
12) 1,1-Dichloroethene	4.067	96	19343	21.047	ug/l	95
13) Acrolein	3.914	56	6594	79.956	ug/l	90
14) Allyl chloride	4.709	41	37059	21.345	ug/l	99
15) Acrylonitrile	5.409	53	35353	107.558	ug/l	99
16) Acetone	4.156	43	32422	119.463	ug/l #	80
17) Carbon Disulfide	4.397	76	33782	24.288	ug/l	99
18) Methyl Acetate	4.720	43	20175	24.254	ug/l	95
19) Methyl tert-butyl Ether	5.467	73	69475	20.503	ug/l	94
20) Methylene Chloride	4.956	84	36125	13.122	ug/l	98
21) trans-1,2-Dichloroethene	5.461	96	22141	20.254	ug/l	94
22) Diisopropyl ether	6.361	45	92156	20.580	ug/l	97
23) Vinyl Acetate	6.297	43	256709	107.016	ug/l	97
24) 1,1-Dichloroethane	6.250	63	52093	20.717	ug/l	98
25) 2-Butanone	7.208	43	47086	103.913	ug/l	93
26) 2,2-Dichloropropane	7.197	77	49376	21.071	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	31494	20.451	ug/l	99
28) Bromochloromethane	7.538	49	20029	20.452	ug/l	99
29) Tetrahydrofuran	7.561	42	28570	106.825	ug/l	99
30) Chloroform	7.703	83	60360	21.639	ug/l	94
31) Cyclohexane	7.979	56	37500	22.872	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	48560	20.571	ug/l	94
36) 1,1-Dichloropropene	8.102	75	36360	21.282	ug/l	98
37) Ethyl Acetate	7.285	43	22188	21.776	ug/l	98
38) Carbon Tetrachloride	8.091	117	40438	20.819	ug/l #	94
39) Methylcyclohexane	9.344	83	37599	21.314	ug/l	97
40) Benzene	8.344	78	103927	20.575	ug/l #	90

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	12374	22.096	ug/l	91
42) 1,2-Dichloroethane	8.414	62	37186	21.392	ug/l	100
43) Isopropyl Acetate	8.450	43	42665	20.780	ug/l	99
44) Trichloroethene	9.102	130	27534	20.504	ug/l	97
45) 1,2-Dichloropropane	9.379	63	30224	20.821	ug/l	99
46) Dibromomethane	9.467	93	17378	20.897	ug/l	98
47) Bromodichloromethane	9.649	83	45601	20.266	ug/l	94
48) Methyl methacrylate	9.449	41	19036	20.341	ug/l	96
49) 1,4-Dioxane	9.455	88	4383	423.588	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	111885	104.334	ug/l	98
52) Toluene	10.397	92	69764	20.878	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	41693	20.048	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	47402	20.565	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	24261	20.809	ug/l	97
56) Ethyl methacrylate	10.655	69	31299	21.029	ug/l	98
57) 1,3-Dichloropropane	10.932	76	41171	20.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	59510	101.186	ug/l	96
59) 2-Hexanone	10.973	43	78755	110.116	ug/l	100
60) Dibromochloromethane	11.126	129	29846	20.752	ug/l	95
61) 1,2-Dibromoethane	11.232	107	22865	21.311	ug/l	92
64) Tetrachloroethene	10.873	164	21020	22.029	ug/l	82
65) Chlorobenzene	11.661	112	79412	21.012	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	31137	21.390	ug/l	97
67) Ethyl Benzene	11.732	91	141082	20.590	ug/l	98
68) m/p-Xylenes	11.838	106	105980	40.889	ug/l	98
69) o-Xylene	12.167	106	50527	20.252	ug/l	100
70) Styrene	12.179	104	91259	20.834	ug/l	100
71) Bromoform	12.349	173	16385	21.932	ug/l #	99
73) Isopropylbenzene	12.467	105	142077	19.709	ug/l	100
74) N-amyl acetate	12.279	43	42779	21.026	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	31499	21.029	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	21667m	21.249	ug/l	
77) Bromobenzene	12.749	156	29381	19.581	ug/l	99
78) n-propylbenzene	12.808	91	179785	19.895	ug/l	99
79) 2-Chlorotoluene	12.896	91	100799	19.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	121295	20.136	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	9289	20.352	ug/l	95
82) 4-Chlorotoluene	12.990	91	110514	20.504	ug/l	100
83) tert-Butylbenzene	13.208	119	106964	20.041	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	118443	19.861	ug/l	100
85) sec-Butylbenzene	13.385	105	161862	19.812	ug/l	98
86) p-Isopropyltoluene	13.502	119	129602	19.893	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	61434	19.507	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	63672	19.979	ug/l	98
89) n-Butylbenzene	13.826	91	134806	20.478	ug/l	99
90) Hexachloroethane	14.096	117	26711	20.345	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	54972	19.724	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5436	21.823	ug/l	93
93) 1,2,4-Trichlorobenzene	15.137	180	31902	20.020	ug/l	98
94) Hexachlorobutadiene	15.249	225	15197	19.780	ug/l	99
95) Naphthalene	15.379	128	72968	20.264	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	28768	20.431	ug/l	99

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

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