

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081522\
 Data File : VD074097.D
 Acq On : 15 Aug 2022 18:37
 Operator : VA/SY
 Sample : VD0815SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0815SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 16 01:50:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	150142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	247874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	235022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	119200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59758	54.074	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.140%			
35) Dibromofluoromethane	7.908	113	72129	45.537	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.080%			
50) Toluene-d8	10.332	98	197361	41.038	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 82.080%			
62) 4-Bromofluorobenzene	12.620	95	95165	47.920	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	33985	27.455	ug/l	96
3) Chloromethane	2.209	50	39914	25.579	ug/l	99
4) Vinyl Chloride	2.344	62	55014	24.789	ug/l	100
5) Bromomethane	2.756	94	42006	23.720	ug/l	97
6) Chloroethane	2.909	64	46342	25.585	ug/l	100
7) Trichlorofluoromethane	3.267	101	85385	33.277	ug/l	94
8) Diethyl Ether	3.703	74	13722	20.837	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	32572	19.871	ug/l	94
10) Methyl Iodide	4.297	142	33288	22.652	ug/l	96
11) Tert butyl alcohol	5.220	59	11432	130.829	ug/l #	93
12) 1,1-Dichloroethene	4.056	96	28304	21.684	ug/l	88
13) Acrolein	3.920	56	7658	97.120	ug/l	100
14) Allyl chloride	4.703	41	37748	21.631	ug/l #	90
15) Acrylonitrile	5.420	53	30645	116.502	ug/l	96
16) Acetone	4.156	43	26136	87.335	ug/l	99
17) Carbon Disulfide	4.403	76	77528	24.012	ug/l	96
18) Methyl Acetate	4.708	43	15268	22.964	ug/l #	86
19) Methyl tert-butyl Ether	5.479	73	69173	22.817	ug/l	93
20) Methylene Chloride	4.955	84	46252	23.713	ug/l #	80
21) trans-1,2-Dichloroethene	5.461	96	32593	21.665	ug/l	87
22) Diisopropyl ether	6.361	45	82755	21.907	ug/l #	94
23) Vinyl Acetate	6.302	43	217318	112.272	ug/l #	89
24) 1,1-Dichloroethane	6.255	63	57133	21.878	ug/l	99
25) 2-Butanone	7.208	43	41823	108.981	ug/l #	87
26) 2,2-Dichloropropane	7.202	77	57203	21.128	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	37267	21.017	ug/l	91
28) Bromochloromethane	7.538	49	21891	22.461	ug/l #	72
29) Tetrahydrofuran	7.561	42	23759	113.289	ug/l #	85
30) Chloroform	7.697	83	65827	21.564	ug/l	95
31) Cyclohexane	7.973	56	45008	21.084	ug/l #	78
32) 1,1,1-Trichloroethane	7.896	97	60470	21.009	ug/l	96
36) 1,1-Dichloropropene	8.108	75	46653	21.597	ug/l	97
37) Ethyl Acetate	7.279	43	19229	22.447	ug/l #	94
38) Carbon Tetrachloride	8.085	117	51209	20.541	ug/l	92
39) Methylcyclohexane	9.349	83	47496	19.943	ug/l	94
40) Benzene	8.344	78	128296	21.018	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	10105	23.343	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	40050	21.719	ug/l	98
43) Isopropyl Acetate	8.444	43	34468	21.923	ug/l #	87
44) Trichloroethene	9.102	130	37348	20.896	ug/l	99
45) 1,2-Dichloropropane	9.379	63	31130	21.053	ug/l	97
46) Dibromomethane	9.467	93	20601	21.980	ug/l	96
47) Bromodichloromethane	9.649	83	50204	20.836	ug/l	93
48) Methyl methacrylate	9.449	41	13856	19.276	ug/l #	70
49) 1,4-Dioxane	9.455	88	4941	541.885	ug/l #	77
51) 4-Methyl-2-Pentanone	10.220	43	91951	114.235	ug/l	95
52) Toluene	10.396	92	83383	20.891	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	43833	21.343	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	50147	21.116	ug/l	91
55) 1,1,2-Trichloroethane	10.785	97	27793	22.281	ug/l	92
56) Ethyl methacrylate	10.649	69	27117	21.379	ug/l	91
57) 1,3-Dichloropropane	10.938	76	43796	22.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	54339	111.600	ug/l #	88
59) 2-Hexanone	10.973	43	60028	109.054	ug/l	98
60) Dibromochloromethane	11.126	129	35756	21.200	ug/l	100
61) 1,2-Dibromoethane	11.237	107	26253	21.672	ug/l	99
64) Tetrachloroethene	10.867	164	31339	21.076	ug/l	93
65) Chlorobenzene	11.655	112	94183	20.485	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	36109	19.982	ug/l	99
67) Ethyl Benzene	11.732	91	158798	20.175	ug/l	98
68) m/p-Xylenes	11.837	106	130007	41.140	ug/l	93
69) o-Xylene	12.167	106	56655	19.676	ug/l	97
70) Styrene	12.179	104	102081	20.334	ug/l	96
71) Bromoform	12.349	173	20693	21.857	ug/l #	99
73) Isopropylbenzene	12.467	105	153015	20.422	ug/l	97
74) N-amyl acetate	12.279	43	31502	21.898	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	31327	22.850	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	19943m	18.776	ug/l	
77) Bromobenzene	12.743	156	39467	21.814	ug/l	83
78) n-propylbenzene	12.808	91	191296	20.616	ug/l	96
79) 2-Chlorotoluene	12.896	91	108560	20.595	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	137854	21.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	8276	21.730	ug/l	87
82) 4-Chlorotoluene	12.990	91	117688	21.073	ug/l	97
83) tert-Butylbenzene	13.208	119	112129	19.809	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	136118	20.707	ug/l	98
85) sec-Butylbenzene	13.384	105	176641	20.312	ug/l	100
86) p-Isopropyltoluene	13.496	119	144812	19.965	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	82159	20.789	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	81735	20.645	ug/l	99
89) n-Butylbenzene	13.826	91	139786	20.117	ug/l	99
90) Hexachloroethane	14.090	117	29332	19.302	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	71105	20.146	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.484	75	4416	18.648	ug/l	73
93) 1,2,4-Trichlorobenzene	15.137	180	41904	18.498	ug/l	98
94) Hexachlorobutadiene	15.243	225	23956	17.651	ug/l	99
95) Naphthalene	15.373	128	71855	18.838	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	36251	18.100	ug/l	98

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

