

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081522\
 Data File : VD074096.D
 Acq On : 15 Aug 2022 18:08
 Operator : VA/SY
 Sample : VD0815SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0815SBS01

Quant Time: Aug 16 01:48:31 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	154610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	253223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	233972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	121467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59695	52.189	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.380%			
35) Dibromofluoromethane	7.903	113	72169	44.600	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.200%			
50) Toluene-d8	10.332	98	202697	41.258	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 82.520%			
62) 4-Bromofluorobenzene	12.614	95	96901	47.763	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	35581	28.125	ug/l	97
3) Chloromethane	2.209	50	40852	25.357	ug/l	96
4) Vinyl Chloride	2.344	62	58038	25.396	ug/l	98
5) Bromomethane	2.756	94	40824	22.387	ug/l	93
6) Chloroethane	2.909	64	43770	22.724	ug/l	93
7) Trichlorofluoromethane	3.262	101	59917	19.711	ug/l	99
8) Diethyl Ether	3.703	74	13644	20.120	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.079	101	34871	20.938	ug/l	95
10) Methyl Iodide	4.285	142	33062	21.848	ug/l	97
11) Tert butyl alcohol	5.215	59	12255m	136.942	ug/l	
12) 1,1-Dichloroethene	4.056	96	28411	21.014	ug/l	87
13) Acrolein	3.915	56	7176	86.567	ug/l	100
14) Allyl chloride	4.709	41	36062	20.068	ug/l #	84
15) Acrylonitrile	5.409	53	29257	108.011	ug/l	98
16) Acetone	4.162	43	25635	82.544	ug/l	98
17) Carbon Disulfide	4.403	76	79196	23.762	ug/l	96
18) Methyl Acetate	4.720	43	14949	21.598	ug/l #	84
19) Methyl tert-butyl Ether	5.479	73	65039	20.833	ug/l	91
20) Methylene Chloride	4.956	84	44369	21.059	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	32400	20.914	ug/l	86
22) Diisopropyl ether	6.362	45	83874	21.561	ug/l #	92
23) Vinyl Acetate	6.303	43	209576	105.144	ug/l #	92
24) 1,1-Dichloroethane	6.250	63	56899	21.159	ug/l	98
25) 2-Butanone	7.208	43	40194	101.710	ug/l	92
26) 2,2-Dichloropropane	7.197	77	56913	20.414	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	37125	20.331	ug/l	91
28) Bromochloromethane	7.538	49	20975	20.899	ug/l #	68
29) Tetrahydrofuran	7.561	42	22495	104.163	ug/l #	83
30) Chloroform	7.703	83	65673	20.892	ug/l	95
31) Cyclohexane	7.973	56	46103	20.943	ug/l #	74
32) 1,1,1-Trichloroethane	7.897	97	62311	21.023	ug/l	95
36) 1,1-Dichloropropene	8.103	75	45672	20.696	ug/l	95
37) Ethyl Acetate	7.279	43	16816	19.215	ug/l #	83
38) Carbon Tetrachloride	8.091	117	53114	20.855	ug/l	98
39) Methylcyclohexane	9.344	83	51040	20.978	ug/l	91
40) Benzene	8.344	78	129459	20.760	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	11242	25.421	ug/l	94
42) 1,2-Dichloroethane	8.414	62	38653	20.519	ug/l	94
43) Isopropyl Acetate	8.444	43	33845	21.072	ug/l #	87
44) Trichloroethene	9.103	130	38574	21.126	ug/l	90
45) 1,2-Dichloropropane	9.373	63	30907	20.461	ug/l	97
46) Dibromomethane	9.467	93	20877	21.804	ug/l	96
47) Bromodichloromethane	9.650	83	51928	21.096	ug/l	90
48) Methyl methacrylate	9.450	41	15072	20.525	ug/l #	78
49) 1,4-Dioxane	9.455	88	4031	432.746	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	87140	105.971	ug/l	94
52) Toluene	10.391	92	85112	20.874	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	43806	20.879	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	50069	20.638	ug/l	91
55) 1,1,2-Trichloroethane	10.785	97	26799	21.031	ug/l	98
56) Ethyl methacrylate	10.650	69	26518	20.466	ug/l	91
57) 1,3-Dichloropropane	10.932	76	41508	20.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	50597	101.720	ug/l #	88
59) 2-Hexanone	10.973	43	56320	100.157	ug/l	93
60) Dibromochloromethane	11.126	129	34635	20.102	ug/l	99
61) 1,2-Dibromoethane	11.232	107	25839	20.880	ug/l	98
64) Tetrachloroethene	10.867	164	33377	22.547	ug/l	95
65) Chlorobenzene	11.655	112	95216	20.802	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	36263	20.158	ug/l	98
67) Ethyl Benzene	11.732	91	163699	20.891	ug/l	97
68) m/p-Xylenes	11.844	106	131744	41.877	ug/l	97
69) o-Xylene	12.167	106	59208	20.655	ug/l	94
70) Styrene	12.179	104	104091	20.827	ug/l	97
71) Bromoform	12.344	173	20564	21.818	ug/l #	100
73) Isopropylbenzene	12.467	105	158045	20.700	ug/l	98
74) N-amyl acetate	12.273	43	31372	21.401	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	30142	21.575	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	22686m	20.960	ug/l	
77) Bromobenzene	12.749	156	38996	21.152	ug/l	84
78) n-propylbenzene	12.808	91	204837	21.663	ug/l	98
79) 2-Chlorotoluene	12.891	91	113477	21.126	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	141041	21.641	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	8013	20.647	ug/l	89
82) 4-Chlorotoluene	12.991	91	122242	21.480	ug/l	96
83) tert-Butylbenzene	13.208	119	119209	20.666	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	137744	20.564	ug/l	95
85) sec-Butylbenzene	13.385	105	179964	20.308	ug/l	97
86) p-Isopropyltoluene	13.496	119	151706	20.526	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	83511	20.737	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	83852	20.784	ug/l	100
89) n-Butylbenzene	13.826	91	142502	20.125	ug/l	98
90) Hexachloroethane	14.091	117	31157	20.120	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	72501	20.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5021	20.807	ug/l	87
93) 1,2,4-Trichlorobenzene	15.137	180	42931	18.597	ug/l	99
94) Hexachlorobutadiene	15.243	225	22778	16.470	ug/l	94
95) Naphthalene	15.373	128	71713	18.450	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	35620	17.453	ug/l	94

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

