

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074003.D
 Acq On : 09 Aug 2022 22:56
 Operator : VA/SY
 Sample : VD0809SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 01:10:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	140062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	238560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	223015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	112259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	53235	42.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.740%		
35) Dibromofluoromethane	7.902	113	64401	44.192	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.380%		
50) Toluene-d8	10.332	98	162177	37.673	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	75.340%		
62) 4-Bromofluorobenzene	12.620	95	84526	45.686	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	24141	18.838	ug/l	99
3) Chloromethane	2.208	50	38030	22.527	ug/l	100
4) Vinyl Chloride	2.344	62	52798	22.257	ug/l	100
5) Bromomethane	2.750	94	35710	26.825	ug/l	97
6) Chloroethane	2.908	64	38359	22.729	ug/l	97
7) Trichlorofluoromethane	3.261	101	53620	19.973	ug/l	96
8) Diethyl Ether	3.703	74	13350	22.956	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	29931	20.884	ug/l	99
10) Methyl Iodide	4.291	142	29334	23.218	ug/l	99
11) Tert butyl alcohol	5.232	59	10090	66.493	ug/l #	91
12) 1,1-Dichloroethene	4.055	96	26332	22.107	ug/l	93
13) Acrolein	3.920	56	11147	136.648	ug/l	92
14) Allyl chloride	4.702	41	34611	21.409	ug/l	99
15) Acrylonitrile	5.414	53	29806	109.272	ug/l	98
16) Acetone	4.150	43	25339	97.856	ug/l	93
17) Carbon Disulfide	4.402	76	69422	24.143	ug/l	97
18) Methyl Acetate	4.720	43	15561	22.610	ug/l #	74
19) Methyl tert-butyl Ether	5.479	73	66824	21.823	ug/l	95
20) Methylene Chloride	4.955	84	57903	31.855	ug/l	95
21) trans-1,2-Dichloroethene	5.461	96	30270	21.672	ug/l	87
22) Diisopropyl ether	6.361	45	81046	22.476	ug/l	97
23) Vinyl Acetate	6.302	43	212645m	21.569	ug/l	
24) 1,1-Dichloroethane	6.249	63	53238	21.403	ug/l	96
25) 2-Butanone	7.202	43	39428	100.427	ug/l	95
26) 2,2-Dichloropropane	7.202	77	44443	17.346	ug/l	100
27) cis-1,2-Dichloroethene	7.202	96	33484	20.495	ug/l	99
28) Bromochloromethane	7.538	49	16601	20.963	ug/l	99
29) Tetrahydrofuran	7.555	42	24718	114.636	ug/l	99
30) Chloroform	7.696	83	62304	21.602	ug/l	98
31) Cyclohexane	7.973	56	41380	21.510	ug/l #	94
32) 1,1,1-Trichloroethane	7.896	97	57379	20.972	ug/l	98
36) 1,1-Dichloropropene	8.102	75	42337	20.640	ug/l	99
37) Ethyl Acetate	7.296	43	18816	20.768	ug/l #	92
38) Carbon Tetrachloride	8.085	117	48289	19.997	ug/l	92
39) Methylcyclohexane	9.349	83	44687	20.443	ug/l	98
40) Benzene	8.343	78	118457	20.522	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	8946	19.314	ug/l	97
42) 1,2-Dichloroethane	8.414	62	39756	21.475	ug/l	98
43) Isopropyl Acetate	8.449	43	35301	20.934	ug/l	98
44) Trichloroethene	9.102	130	34796	20.540	ug/l	91
45) 1,2-Dichloropropane	9.373	63	30025	21.233	ug/l	100
46) Dibromomethane	9.461	93	21110	22.565	ug/l	96
47) Bromodichloromethane	9.649	83	48847	20.804	ug/l	91
48) Methyl methacrylate	9.443	41	14645	19.385	ug/l	97
49) 1,4-Dioxane	9.455	88	3877	366.152	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	90800	104.314	ug/l	99
52) Toluene	10.390	92	76715	20.147	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	41664	20.345	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	47834	20.469	ug/l	97
55) 1,1,2-Trichloroethane	10.785	97	25928	21.096	ug/l	97
56) Ethyl methacrylate	10.649	69	27449	20.572	ug/l	97
57) 1,3-Dichloropropane	10.932	76	41245	21.164	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	41173	88.425	ug/l	99
59) 2-Hexanone	10.973	43	61818	104.758	ug/l	97
60) Dibromochloromethane	11.132	129	35050	21.424	ug/l	96
61) 1,2-Dibromoethane	11.237	107	24854	20.747	ug/l	97
64) Tetrachloroethene	10.867	164	29270	20.633	ug/l	95
65) Chlorobenzene	11.661	112	89023	20.878	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	35213	21.140	ug/l	99
67) Ethyl Benzene	11.732	91	145392	19.714	ug/l	97
68) m/p-Xylenes	11.843	106	119852	40.468	ug/l	99
69) o-Xylene	12.167	106	54225	19.918	ug/l	100
70) Styrene	12.184	104	95620	20.073	ug/l	98
71) Bromoform	12.349	173	19640	19.768	ug/l #	96
73) Isopropylbenzene	12.467	105	147533	20.285	ug/l	99
74) N-amyl acetate	12.273	43	32585	21.012	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	30166	21.326	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	20129m	23.657	ug/l	
77) Bromobenzene	12.743	156	35628	20.034	ug/l	95
78) n-propylbenzene	12.808	91	182941	20.466	ug/l	99
79) 2-Chlorotoluene	12.890	91	104753	20.633	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	127102	20.438	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	7453	18.826	ug/l #	84
82) 4-Chlorotoluene	12.990	91	109451	20.292	ug/l	99
83) tert-Butylbenzene	13.208	119	105904	19.654	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	127768	20.474	ug/l	98
85) sec-Butylbenzene	13.384	105	161782	19.745	ug/l	98
86) p-Isopropyltoluene	13.502	119	136255	19.710	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	74177	19.880	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	75064	19.890	ug/l	98
89) n-Butylbenzene	13.826	91	126421	19.503	ug/l	98
90) Hexachloroethane	14.090	117	27181	19.536	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	65672	20.392	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.484	75	4951	19.605	ug/l	99
93) 1,2,4-Trichlorobenzene	15.137	180	37633	19.415	ug/l	97
94) Hexachlorobutadiene	15.243	225	21398	19.517	ug/l	99
95) Naphthalene	15.378	128	75383	20.678	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	34773	19.894	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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