

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090922\
 Data File : VD074247.D
 Acq On : 09 Sep 2022 17:53
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 02:48:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 02:44:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	124522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	202336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.569	117	185861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.498	152	83770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	185535	145.095	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 290.180%#			
35) Dibromofluoromethane	7.799	113	195495	144.908	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 289.820%#			
50) Toluene-d8	10.263	98	760755	169.212	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 338.420%#			
62) 4-Bromofluorobenzene	12.557	95	237716	140.378	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 280.760%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	139925	136.380	ug/l	95
3) Chloromethane	2.140	50	125935	168.206	ug/l	99
4) Vinyl Chloride	2.275	62	109055	143.191	ug/l	99
5) Bromomethane	2.652	94	60119	125.808	ug/l	100
6) Chloroethane	2.805	64	66739	138.123	ug/l	97
7) Trichlorofluoromethane	3.158	101	305179	138.221	ug/l	98
8) Diethyl Ether	3.587	74	104236	169.759	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.952	101	202911	150.107	ug/l	99
10) Methyl Iodide	4.152	142	259171	174.818	ug/l	99
11) Tert butyl alcohol	5.058	59	72537	880.451	ug/l	99
12) 1,1-Dichloroethene	3.928	96	196810	161.708	ug/l	99
13) Acrolein	3.793	56	80459	1599.075	ug/l	97
14) Allyl chloride	4.552	41	297618	156.625	ug/l	99
15) Acrylonitrile	5.252	53	249910	866.501	ug/l	100
16) Acetone	4.016	43	177940	722.682	ug/l	100
17) Carbon Disulfide	4.258	76	555149	159.357	ug/l	100
18) Methyl Acetate	4.558	43	119839	154.748	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	485055	163.924	ug/l	97
20) Methylene Chloride	4.793	84	221797	117.780	ug/l	93
21) trans-1,2-Dichloroethene	5.299	96	219677	155.620	ug/l	98
22) Diisopropyl ether	6.216	45	652114	164.367	ug/l	99
23) Vinyl Acetate	6.152	43	1765760m	883.016	ug/l	
24) 1,1-Dichloroethane	6.105	63	406218	156.796	ug/l	97
25) 2-Butanone	7.081	43	304584	796.800	ug/l	99
26) 2,2-Dichloropropane	7.069	77	343246	148.007	ug/l	99
27) cis-1,2-Dichloroethene	7.069	96	255873	159.688	ug/l	98
28) Bromochloromethane	7.422	49	131580	164.066	ug/l	99
29) Tetrahydrofuran	7.440	42	199566	866.425	ug/l	99
30) Chloroform	7.587	83	399302	148.116	ug/l	92
31) Cyclohexane	7.869	56	344897	154.265	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	353447	142.141	ug/l	100
36) 1,1-Dichloropropene	7.999	75	317487	158.209	ug/l	100
37) Ethyl Acetate	7.169	43	137513	169.029	ug/l	99
38) Carbon Tetrachloride	7.981	117	300670	141.890	ug/l	100
39) Methylcyclohexane	9.263	83	390133	169.760	ug/l	99
40) Benzene	8.246	78	888161	156.159	ug/l	98

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41) Methacrylonitrile	7.393	41	89643	180.801	ug/l	96
42) 1,2-Dichloroethane	8.316	62	232858	140.662	ug/l	99
43) Isopropyl Acetate	8.351	43	274840	167.694	ug/l	99
44) Trichloroethene	9.022	130	241406	146.866	ug/l	95
45) 1,2-Dichloropropane	9.299	63	234028	163.097	ug/l	99
46) Dibromomethane	9.387	93	121584	153.702	ug/l	98
47) Bromodichloromethane	9.575	83	304633	148.437	ug/l	96
48) Methyl methacrylate	9.369	41	129661	173.003	ug/l	99
49) 1,4-Dioxane	9.375	88	31107	3369.355	ug/l	100
51) 4-Methyl-2-Pentanone	10.151	43	702440	858.949	ug/l	99
52) Toluene	10.322	92	566129	152.210	ug/l	99
53) t-1,3-Dichloropropene	10.546	75	305021	163.006	ug/l	99
54) cis-1,3-Dichloropropene	10.010	75	364916	164.288	ug/l	98
55) 1,1,2-Trichloroethane	10.722	97	166652	152.337	ug/l	98
56) Ethyl methacrylate	10.587	69	228025	179.757	ug/l	98
57) 1,3-Dichloropropane	10.869	76	294249	160.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.863	63	209501	580.399	ug/l	100
59) 2-Hexanone	10.910	43	477029	865.488	ug/l	98
60) Dibromochloromethane	11.063	129	204692	146.636	ug/l	100
61) 1,2-Dibromoethane	11.169	107	157765	149.565	ug/l	98
64) Tetrachloroethene	10.798	164	194688	145.511	ug/l	90
65) Chlorobenzene	11.593	112	602701	149.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.669	131	221400	147.291	ug/l	99
67) Ethyl Benzene	11.675	91	1136702	164.369	ug/l	100
68) m/p-Xylenes	11.781	106	859743	315.723	ug/l	99
69) o-Xylene	12.104	106	412503	163.170	ug/l	99
70) Styrene	12.122	104	683467	158.187	ug/l	100
71) Bromoform	12.287	173	119886	145.320	ug/l #	98
73) Isopropylbenzene	12.404	105	1076408	176.758	ug/l	100
74) N-amyl acetate	12.216	43	257927	189.421	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.657	83	196593	177.225	ug/l	98
76) 1,2,3-Trichloropropane	12.710	75	142189m	168.947	ug/l	
77) Bromobenzene	12.687	156	237967	165.440	ug/l	98
78) n-propylbenzene	12.745	91	1305443	175.235	ug/l	99
79) 2-Chlorotoluene	12.834	91	702730	164.409	ug/l	100
80) 1,3,5-Trimethylbenzene	12.887	105	870876	167.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.451	75	60385	188.963	ug/l #	100
82) 4-Chlorotoluene	12.934	91	714951	159.256	ug/l	100
83) tert-Butylbenzene	13.151	119	777230	175.849	ug/l	100
84) 1,2,4-Trimethylbenzene	13.192	105	859483	169.893	ug/l	100
85) sec-Butylbenzene	13.328	105	1162897	174.464	ug/l	100
86) p-Isopropyltoluene	13.445	119	972867	177.681	ug/l	99
87) 1,3-Dichlorobenzene	13.439	146	470065	161.953	ug/l	98
88) 1,4-Dichlorobenzene	13.522	146	457052	156.283	ug/l	99
89) n-Butylbenzene	13.769	91	936265	178.753	ug/l	99
90) Hexachloroethane	14.034	117	182363	164.550	ug/l	98
91) 1,2-Dichlorobenzene	13.810	146	402721	158.710	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.428	75	28160	158.379	ug/l	99
93) 1,2,4-Trichlorobenzene	15.075	180	286719	182.150	ug/l	100
94) Hexachlorobutadiene	15.181	225	166300	186.884	ug/l	97
95) Naphthalene	15.310	128	559556	195.276	ug/l	100
96) 1,2,3-Trichlorobenzene	15.498	180	250526	182.049	ug/l	99

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

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