

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100522\
 Data File : VD074455.D
 Acq On : 05 Oct 2022 15:41
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 06 01:24:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:15:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	111648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	190774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	78449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	147268	149.692	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 299.380%#			
35) Dibromofluoromethane	7.804	113	169739	121.340	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 242.680%#			
50) Toluene-d8	10.269	98	695522	156.880	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 313.760%#			
62) 4-Bromofluorobenzene	12.569	95	192683	110.524	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 221.040%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	153396	159.366	ug/l	96
3) Chloromethane	2.146	50	182157	180.939	ug/l	91
4) Vinyl Chloride	2.281	62	185517	210.986	ug/l	99
5) Bromomethane	2.658	94	112275	175.843	ug/l	98
6) Chloroethane	2.816	64	122076	207.677	ug/l	99
7) Trichlorofluoromethane	3.164	101	299909	160.055	ug/l	98
8) Diethyl Ether	3.587	74	92613	166.743	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	194062	155.060	ug/l	97
10) Methyl Iodide	4.158	142	276545	240.495	ug/l	98
11) Tert butyl alcohol	5.058	59	56390	313.377	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	200172	166.116	ug/l	95
13) Acrolein	3.787	56	46591	678.186	ug/l	99
14) Allyl chloride	4.558	41	223969	176.817	ug/l	97
15) Acrylonitrile	5.252	53	185064	799.476	ug/l	99
16) Acetone	4.016	43	145163	712.349	ug/l	97
17) Carbon Disulfide	4.263	76	628745	211.550	ug/l	98
18) Methyl Acetate	4.563	43	87961	142.070	ug/l	98
19) Methyl tert-butyl Ether	5.310	73	403221	159.406	ug/l	98
20) Methylene Chloride	4.793	84	213748	115.267	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	223321	174.139	ug/l	95
22) Diisopropyl ether	6.210	45	455070	161.600	ug/l	97
23) Vinyl Acetate	6.152	43	1114562	911.482	ug/l	100
24) 1,1-Dichloroethane	6.110	63	329975	156.589	ug/l	99
25) 2-Butanone	7.081	43	198064	740.321	ug/l	97
26) 2,2-Dichloropropane	7.075	77	279885	144.329	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	228879	154.699	ug/l	99
28) Bromochloromethane	7.428	49	97068	146.901	ug/l	88
29) Tetrahydrofuran	7.440	42	121127	816.728	ug/l	95
30) Chloroform	7.593	83	330442	142.486	ug/l	97
31) Cyclohexane	7.875	56	286219	166.696	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	301503	151.010	ug/l	97
36) 1,1-Dichloropropene	8.010	75	269851	155.055	ug/l	99
37) Ethyl Acetate	7.163	43	86767	151.438	ug/l	99
38) Carbon Tetrachloride	7.993	117	249851	151.957	ug/l	95
39) Methylcyclohexane	9.275	83	352284	167.499	ug/l	97
40) Benzene	8.251	78	768881	150.060	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	50661	151.464	ug/l	90
42) 1,2-Dichloroethane	8.322	62	184963	144.820	ug/l	99
43) Isopropyl Acetate	8.357	43	171824	154.301	ug/l	97
44) Trichloroethene	9.028	130	219317	141.911	ug/l	97
45) 1,2-Dichloropropane	9.304	63	179275	148.273	ug/l	96
46) Dibromomethane	9.393	93	101490	142.691	ug/l	94
47) Bromodichloromethane	9.587	83	251343	138.126	ug/l	98
48) Methyl methacrylate	9.381	41	82009	165.118	ug/l	92
49) 1,4-Dioxane	9.381	88	22568	3284.756	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	423261	737.426	ug/l	97
52) Toluene	10.334	92	492179	148.009	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	235772	151.957	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	288444	147.404	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	136237	138.267	ug/l	97
56) Ethyl methacrylate	10.598	69	167766	150.060	ug/l	93
57) 1,3-Dichloropropane	10.881	76	227433	139.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	195660	1046.305	ug/l	96
59) 2-Hexanone	10.916	43	290293	739.093	ug/l	100
60) Dibromochloromethane	11.075	129	163332	133.301	ug/l	99
61) 1,2-Dibromoethane	11.175	107	129338	134.708	ug/l	99
64) Tetrachloroethene	10.810	164	178448	135.932	ug/l	95
65) Chlorobenzene	11.604	112	512289	140.533	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	178293	137.111	ug/l	99
67) Ethyl Benzene	11.681	91	938180	145.576	ug/l	100
68) m/p-Xylenes	11.792	106	742132	293.412	ug/l	99
69) o-Xylene	12.116	106	346108	148.261	ug/l	98
70) Styrene	12.134	104	579578	142.697	ug/l	99
71) Bromoform	12.298	173	92052	129.510	ug/l #	97
73) Isopropylbenzene	12.416	105	908647	155.434	ug/l	99
74) N-amyl acetate	12.228	43	155287	165.463	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	146085	143.841	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	83191m	135.856	ug/l	
77) Bromobenzene	12.698	156	200058	145.868	ug/l	97
78) n-propylbenzene	12.757	91	1080019	152.888	ug/l	99
79) 2-Chlorotoluene	12.845	91	572089	150.667	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	721568	148.856	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	42169	162.120	ug/l	98
82) 4-Chlorotoluene	12.945	91	570822	146.520	ug/l	99
83) tert-Butylbenzene	13.163	119	639258	146.840	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	718327	149.323	ug/l	99
85) sec-Butylbenzene	13.339	105	977746	149.401	ug/l	100
86) p-Isopropyltoluene	13.457	119	824462	151.346	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	410619	145.492	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	388559	138.135	ug/l	99
89) n-Butylbenzene	13.781	91	765699	150.796	ug/l	99
90) Hexachloroethane	14.045	117	146161	151.200	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	339321	138.608	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20395	159.711	ug/l	94
93) 1,2,4-Trichlorobenzene	15.092	180	236045	142.900	ug/l	99
94) Hexachlorobutadiene	15.198	225	125077	138.976	ug/l	99
95) Naphthalene	15.328	128	464673	153.654	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	202451	143.233	ug/l	98

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

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