

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110222\
 Data File : VD074704.D
 Acq On : 02 Nov 2022 14:53
 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 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 01:44:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 01:37:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	155683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	225082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	151303	122.707	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 245.420%#			
35) Dibromofluoromethane	7.804	113	212285	159.439	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 318.880%#			
50) Toluene-d8	10.269	98	731408	150.597	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 301.200%#			
62) 4-Bromofluorobenzene	12.575	95	219247	156.348	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 312.700%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	176085	137.714	ug/l	97
3) Chloromethane	2.140	50	265873	130.302	ug/l	94
4) Vinyl Chloride	2.275	62	331686	148.232	ug/l	98
5) Bromomethane	2.664	94	249823	147.353	ug/l	98
6) Chloroethane	2.816	64	230649	148.716	ug/l	99
7) Trichlorofluoromethane	3.164	101	397069	152.744	ug/l	98
8) Diethyl Ether	3.587	74	116209	153.023	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	250135	151.475	ug/l	99
10) Methyl Iodide	4.158	142	350521	197.237	ug/l	100
11) Tert butyl alcohol	5.058	59	70323	321.810	ug/l	97
12) 1,1-Dichloroethene	3.934	96	259990	155.015	ug/l	94
13) Acrolein	3.793	56	61080	719.747	ug/l	96
14) Allyl chloride	4.558	41	275289	155.130	ug/l	97
15) Acrylonitrile	5.252	53	228111	760.137	ug/l	99
16) Acetone	4.016	43	182355	708.688	ug/l	98
17) Carbon Disulfide	4.263	76	777920	153.813	ug/l	98
18) Methyl Acetate	4.558	43	105523	135.614	ug/l	98
19) Methyl tert-butyl Ether	5.310	73	500674	156.965	ug/l	99
20) Methylene Chloride	4.799	84	279936	84.707	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	285743	155.012	ug/l	94
22) Diisopropyl ether	6.210	45	561515	153.310	ug/l	96
23) Vinyl Acetate	6.152	43	1364002	876.320	ug/l	98
24) 1,1-Dichloroethane	6.110	63	414351	147.908	ug/l	98
25) 2-Butanone	7.081	43	253329	716.032	ug/l	94
26) 2,2-Dichloropropane	7.069	77	378597	146.874	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	310156	152.531	ug/l	98
28) Bromochloromethane	7.422	49	129043	145.966	ug/l	98
29) Tetrahydrofuran	7.440	42	153363	755.844	ug/l	98
30) Chloroform	7.593	83	440076	147.047	ug/l	99
31) Cyclohexane	7.875	56	369623	148.060	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	401284	151.782	ug/l	98
36) 1,1-Dichloropropene	7.999	75	326817	161.711	ug/l	99
37) Ethyl Acetate	7.163	43	111717	165.709	ug/l	98
38) Carbon Tetrachloride	7.987	117	332039	173.415	ug/l	94
39) Methylcyclohexane	9.269	83	408550	166.154	ug/l	97
40) Benzene	8.251	78	906532	151.759	ug/l	98

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41) Methacrylonitrile	7.399	41	65111	196.163	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	206486	150.359	ug/l	100
43) Isopropyl Acetate	8.357	43	196415	156.575	ug/l	96
44) Trichloroethene	9.028	130	261434	153.614	ug/l	98
45) 1,2-Dichloropropane	9.304	63	203275	153.864	ug/l	96
46) Dibromomethane	9.393	93	116861	152.640	ug/l	95
47) Bromodichloromethane	9.581	83	283987	154.072	ug/l	95
48) Methyl methacrylate	9.381	41	89614	160.308	ug/l	96
49) 1,4-Dioxane	9.381	88	25442	3295.213	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	484390	796.264	ug/l	99
52) Toluene	10.334	92	591806	161.811	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	275880	169.231	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	336170	164.336	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	160793	154.595	ug/l	98
56) Ethyl methacrylate	10.598	69	195069	167.747	ug/l	96
57) 1,3-Dichloropropane	10.881	76	264595	157.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	321289	1055.035	ug/l	98
59) 2-Hexanone	10.922	43	338140	808.050	ug/l	100
60) Dibromochloromethane	11.075	129	194465	156.614	ug/l	100
61) 1,2-Dibromoethane	11.181	107	153267	156.369	ug/l	98
64) Tetrachloroethene	10.810	164	215114	150.381	ug/l	96
65) Chlorobenzene	11.604	112	618555	154.249	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	215905	158.689	ug/l	97
67) Ethyl Benzene	11.681	91	1153958	162.386	ug/l	99
68) m/p-Xylenes	11.792	106	926895	328.539	ug/l	97
69) o-Xylene	12.122	106	428784	165.319	ug/l	97
70) Styrene	12.134	104	725122	165.018	ug/l	99
71) Bromoform	12.298	173	113464	155.725	ug/l #	98
73) Isopropylbenzene	12.422	105	1123799	164.852	ug/l	100
74) N-amyl acetate	12.234	43	178757	161.440	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	171926	150.089	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	106352m	145.567	ug/l	
77) Bromobenzene	12.698	156	245905	156.661	ug/l	98
78) n-propylbenzene	12.763	91	1318453	161.446	ug/l	100
79) 2-Chlorotoluene	12.845	91	695078	158.066	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	902247	162.223	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	52084	170.926	ug/l	96
82) 4-Chlorotoluene	12.945	91	712938	155.875	ug/l	99
83) tert-Butylbenzene	13.163	119	813987	166.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	907798	165.418	ug/l	99
85) sec-Butylbenzene	13.345	105	1198501	162.078	ug/l	98
86) p-Isopropyltoluene	13.457	119	1048058	168.290	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	520772	160.009	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	487734	152.438	ug/l	99
89) n-Butylbenzene	13.786	91	933501	163.896	ug/l	99
90) Hexachloroethane	14.051	117	174263	163.211	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	421330	151.985	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	24366	153.881	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	278545	162.735	ug/l	98
94) Hexachlorobutadiene	15.204	225	147583	164.822	ug/l	98
95) Naphthalene	15.328	128	551729	167.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	242720	161.155	ug/l	99

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

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