

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081522\
 Data File : VD074091.D
 Acq On : 15 Aug 2022 13:04
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 15 15:38:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 15:34:59 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	7.967	168	179168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	279591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	267359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	139444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	126140	58.958	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.920%			
35) Dibromofluoromethane	7.903	113	154783	78.472	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 156.940%#			
50) Toluene-d8	10.332	98	450348	62.894	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 125.780%			
62) 4-Bromofluorobenzene	12.620	95	219179	89.028	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 178.060%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	115782	63.892	ug/l	98
3) Chloromethane	2.209	50	150187	49.944	ug/l	98
4) Vinyl Chloride	2.350	62	216137	52.342	ug/l	100
5) Bromomethane	2.762	94	180970	64.836	ug/l	96
6) Chloroethane	2.915	64	175950	63.215	ug/l	98
7) Trichlorofluoromethane	3.267	101	263020	71.229	ug/l	99
8) Diethyl Ether	3.709	74	67905	74.966	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.091	101	155600	75.941	ug/l	96
10) Methyl Iodide	4.297	142	166237	82.362	ug/l	99
11) Tert butyl alcohol	5.232	59	46846	297.683	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	133484	73.314	ug/l	84
13) Acrolein	3.920	56	41398	416.851	ug/l	97
14) Allyl chloride	4.709	41	186981	70.357	ug/l #	90
15) Acrylonitrile	5.414	53	155075	419.467	ug/l	98
16) Acetone	4.156	43	140407	399.946	ug/l	91
17) Carbon Disulfide	4.403	76	318780	54.794	ug/l	99
18) Methyl Acetate	4.714	43	69577	75.885	ug/l #	85
19) Methyl tert-butyl Ether	5.473	73	364379	83.550	ug/l	94
20) Methylene Chloride	4.962	84	165117	47.267	ug/l #	84
21) trans-1,2-Dichloroethene	5.461	96	162704	75.591	ug/l	87
22) Diisopropyl ether	6.356	45	447990	79.213	ug/l #	93
23) Vinyl Acetate	6.297	43	1240268	401.774	ug/l #	90
24) 1,1-Dichloroethane	6.256	63	283729	75.955	ug/l	98
25) 2-Butanone	7.203	43	209145	419.730	ug/l #	89
26) 2,2-Dichloropropane	7.197	77	288122	86.857	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	197223	81.389	ug/l	87
28) Bromochloromethane	7.538	49	106267	75.823	ug/l #	67
29) Tetrahydrofuran	7.556	42	124202	411.069	ug/l #	82
30) Chloroform	7.703	83	333566	81.127	ug/l	99
31) Cyclohexane	7.979	56	215212	63.307	ug/l #	84
32) 1,1,1-Trichloroethane	7.897	97	313970	82.078	ug/l	94
36) 1,1-Dichloropropene	8.103	75	233566	82.082	ug/l	96
37) Ethyl Acetate	7.285	43	91680	89.603	ug/l #	96
38) Carbon Tetrachloride	8.085	117	269292	82.867	ug/l	97
39) Methylcyclohexane	9.344	83	258134	77.824	ug/l	92
40) Benzene	8.344	78	660160	85.273	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	48630	76.482	ug/l #	83
42) 1,2-Dichloroethane	8.414	62	194927	82.269	ug/l	96
43) Isopropyl Acetate	8.444	43	186036	90.983	ug/l #	93
44) Trichloroethene	9.102	130	187704	86.876	ug/l	92
45) 1,2-Dichloropropane	9.379	63	159245	85.100	ug/l	98
46) Dibromomethane	9.467	93	101625	89.535	ug/l	94
47) Bromodichloromethane	9.649	83	261946	89.134	ug/l	96
48) Methyl methacrylate	9.444	41	83719	83.510	ug/l #	76
49) 1,4-Dioxane	9.450	88	23241	1956.940	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	480595	470.146	ug/l	92
52) Toluene	10.397	92	465734	89.386	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	239726	92.401	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	273155	90.992	ug/l #	87
55) 1,1,2-Trichloroethane	10.785	97	142239	98.517	ug/l	93
56) Ethyl methacrylate	10.649	69	159678	95.529	ug/l #	86
57) 1,3-Dichloropropane	10.932	76	222773	90.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	305134	341.391	ug/l #	89
59) 2-Hexanone	10.973	43	334695	479.174	ug/l	91
60) Dibromochloromethane	11.126	129	191528	97.924	ug/l	98
61) 1,2-Dibromoethane	11.232	107	139721	95.647	ug/l	98
64) Tetrachloroethene	10.867	164	159860	89.651	ug/l	98
65) Chlorobenzene	11.655	112	505529	91.806	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	202698	96.862	ug/l	99
67) Ethyl Benzene	11.732	91	915432	90.042	ug/l	96
68) m/p-Xylenes	11.838	106	739079	185.987	ug/l	93
69) o-Xylene	12.167	106	344258	92.532	ug/l	92
70) Styrene	12.179	104	607721	95.546	ug/l	95
71) Bromoform	12.343	173	116209	102.627	ug/l #	100
73) Isopropylbenzene	12.467	105	934354	88.467	ug/l	98
74) N-amyl acetate	12.273	43	178885	85.867	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	158996	87.098	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	122715m	82.019	ug/l	
77) Bromobenzene	12.743	156	217610	92.710	ug/l	82
78) n-propylbenzene	12.808	91	1133432	87.970	ug/l	96
79) 2-Chlorotoluene	12.891	91	631796	87.412	ug/l	94
80) 1,3,5-Trimethylbenzene	12.943	105	801161	89.990	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	48548	87.559	ug/l	86
82) 4-Chlorotoluene	12.991	91	659605	86.295	ug/l	94
83) tert-Butylbenzene	13.208	119	708351	93.059	ug/l	95
84) 1,2,4-Trimethylbenzene	13.249	105	798366	90.032	ug/l	98
85) sec-Butylbenzene	13.385	105	1050904	91.557	ug/l	98
86) p-Isopropyltoluene	13.496	119	893057	92.401	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	453165	92.195	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	444851	91.558	ug/l	98
89) n-Butylbenzene	13.826	91	908527	99.007	ug/l	97
90) Hexachloroethane	14.090	117	202213	105.879	ug/l	87
91) 1,2-Dichlorobenzene	13.873	146	486999	114.677	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	29210	95.289	ug/l	65
93) 1,2,4-Trichlorobenzene	15.137	180	366527	141.374	ug/l	99
94) Hexachlorobutadiene	15.243	225	218173	158.791	ug/l	98
95) Naphthalene	15.379	128	656345	140.844	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	320736	145.507	ug/l	98

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

