

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074021.D
 Acq On : 10 Aug 2022 12:35
 Operator : VA/SY
 Sample : VSTDICC075
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC075

Quant Time: Aug 10 14:41:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:39:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	160939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	255116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	240087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	130630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	88678	55.838	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.680%			
35) Dibromofluoromethane	7.902	113	108667	64.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 129.480%			
50) Toluene-d8	10.332	98	314935	60.363	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 120.720%			
62) 4-Bromofluorobenzene	12.614	95	153279	72.632	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 145.260%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	100561	62.951	ug/l	99
3) Chloromethane	2.209	50	159352	64.011	ug/l	96
4) Vinyl Chloride	2.344	62	226473	66.871	ug/l	100
5) Bromomethane	2.756	94	164110	69.525	ug/l	94
6) Chloroethane	2.909	64	162215	66.745	ug/l	96
7) Trichlorofluoromethane	3.262	101	213878	65.539	ug/l	93
8) Diethyl Ether	3.709	74	52199	71.591	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.079	101	122732	66.319	ug/l	99
10) Methyl Iodide	4.291	142	141738	74.275	ug/l	99
11) Tert butyl alcohol	5.238	59	31164	383.441	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	112310	70.684	ug/l	97
13) Acrolein	3.920	56	46195	373.555	ug/l	95
14) Allyl chloride	4.708	41	150200	71.876	ug/l	99
15) Acrylonitrile	5.408	53	113405	368.319	ug/l	99
16) Acetone	4.156	43	92265	354.276	ug/l	91
17) Carbon Disulfide	4.403	76	354326	68.008	ug/l	98
18) Methyl Acetate	4.714	43	52979	63.006	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	268800	74.845	ug/l	98
20) Methylene Chloride	4.950	84	123758	64.075	ug/l	95
21) trans-1,2-Dichloroethene	5.461	96	134789	71.320	ug/l	98
22) Diisopropyl ether	6.355	45	334274	75.911	ug/l	98
23) Vinyl Acetate	6.297	43	925666	83.662	ug/l	100
24) 1,1-Dichloroethane	6.255	63	218381	68.655	ug/l	98
25) 2-Butanone	7.208	43	146683	364.385	ug/l	95
26) 2,2-Dichloropropane	7.197	77	212350	70.027	ug/l	100
27) cis-1,2-Dichloroethene	7.202	96	148381	72.572	ug/l	97
28) Bromochloromethane	7.538	49	85935	70.011	ug/l	96
29) Tetrahydrofuran	7.561	42	91317	364.069	ug/l	96
30) Chloroform	7.697	83	253110	69.844	ug/l	99
31) Cyclohexane	7.973	56	191625	67.800	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	237814	69.592	ug/l	99
36) 1,1-Dichloropropene	8.102	75	191854	75.145	ug/l	99
37) Ethyl Acetate	7.285	43	66334	73.989	ug/l	98
38) Carbon Tetrachloride	8.091	117	210648	72.976	ug/l	99
39) Methylcyclohexane	9.349	83	224159	77.315	ug/l	97
40) Benzene	8.344	78	512954	73.964	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	34913	70.115	ug/l	98
42) 1,2-Dichloroethane	8.414	62	152844	71.309	ug/l	100
43) Isopropyl Acetate	8.449	43	133619	74.563	ug/l	99
44) Trichloroethene	9.102	130	147010	72.249	ug/l	97
45) 1,2-Dichloropropane	9.379	63	119254	71.424	ug/l	96
46) Dibromomethane	9.467	93	78613	72.224	ug/l	98
47) Bromodichloromethane	9.649	83	194926	73.045	ug/l	96
48) Methyl methacrylate	9.449	41	64485	77.557	ug/l	89
49) 1,4-Dioxane	9.455	88	16077	1579.304	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	345130	382.607	ug/l	99
52) Toluene	10.391	92	354426	76.547	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	179170	77.016	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	206904	76.816	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	98162	71.024	ug/l	99
56) Ethyl methacrylate	10.649	69	117118	81.587	ug/l	99
57) 1,3-Dichloropropane	10.932	76	162505	72.885	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	251445	420.555	ug/l	98
59) 2-Hexanone	10.973	43	239355	394.766	ug/l	98
60) Dibromochloromethane	11.126	129	137283	72.974	ug/l	100
61) 1,2-Dibromoethane	11.232	107	102203	74.235	ug/l	95
64) Tetrachloroethene	10.867	164	124554	68.962	ug/l	99
65) Chlorobenzene	11.655	112	374857	74.106	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	145216	74.230	ug/l	99
67) Ethyl Benzene	11.732	91	696710	78.393	ug/l	96
68) m/p-Xylenes	11.843	106	569491	160.854	ug/l	98
69) o-Xylene	12.167	106	257964	79.554	ug/l	99
70) Styrene	12.179	104	455854	82.885	ug/l	99
71) Bromoform	12.343	173	80478	74.709	ug/l #	98
73) Isopropylbenzene	12.467	105	703704	77.914	ug/l	100
74) N-amyl acetate	12.273	43	130044	74.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	115814	71.356	ug/l	95
76) 1,2,3-Trichloropropane	12.767	75	90570m	48.305	ug/l	
77) Bromobenzene	12.743	156	161211	74.485	ug/l	96
78) n-propylbenzene	12.808	91	849651	75.909	ug/l	100
79) 2-Chlorotoluene	12.890	91	472937	75.487	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	602725	78.298	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	34003	76.236	ug/l	94
82) 4-Chlorotoluene	12.990	91	497986	74.490	ug/l	100
83) tert-Butylbenzene	13.208	119	515238	77.957	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	608142	78.761	ug/l	100
85) sec-Butylbenzene	13.385	105	774236	76.803	ug/l	99
86) p-Isopropyltoluene	13.496	119	678728	80.153	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	341615	75.241	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	327801	72.304	ug/l	98
89) n-Butylbenzene	13.826	91	610581	77.095	ug/l	99
90) Hexachloroethane	14.090	117	123827	73.881	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	287580	74.037	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	19967	71.212	ug/l	97
93) 1,2,4-Trichlorobenzene	15.137	180	171327	74.827	ug/l	99
94) Hexachlorobutadiene	15.243	225	94145	71.519	ug/l	97
95) Naphthalene	15.373	128	320770	79.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	148669	73.446	ug/l	97

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

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