

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD073992.D
 Acq On : 09 Aug 2022 12:47
 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: Aug 10 00:22:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 00:16:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	92413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	158454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	168577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	92115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	128776	156.522	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 313.040%#			
35) Dibromofluoromethane	7.903	113	140400	144.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 288.720%#			
50) Toluene-d8	10.332	98	340498	119.229	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 238.460%#			
62) 4-Bromofluorobenzene	12.620	95	203550	164.741	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 329.480%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	75942	89.141	ug/l	99
3) Chloromethane	2.209	50	129494	111.347	ug/l	95
4) Vinyl Chloride	2.344	62	165856	106.250	ug/l	98
5) Bromomethane	2.738	94	129466	133.088	ug/l	97
6) Chloroethane	2.903	64	135153	121.864	ug/l	98
7) Trichlorofluoromethane	3.256	101	183816	94.780	ug/l	96
8) Diethyl Ether	3.703	74	79364	203.494	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.079	101	105172	110.963	ug/l	99
10) Methyl Iodide	4.285	142	120095	145.232	ug/l	99
11) Tert butyl alcohol	5.232	59	90970	970.255	ug/l	100
12) 1,1-Dichloroethene	4.056	96	94872	120.891	ug/l	98
13) Acrolein	3.915	56	72679	1347.923	ug/l	99
14) Allyl chloride	4.703	41	156419	146.651	ug/l	95
15) Acrylonitrile	5.409	53	242596	1335.544	ug/l	96
16) Acetone	4.156	43	182810	1055.531	ug/l	94
17) Carbon Disulfide	4.391	76	215914	105.613	ug/l	97
18) Methyl Acetate	4.721	43	113367	234.077	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	457162	223.365	ug/l	98
20) Methylene Chloride	4.956	84	157881	113.988	ug/l	99
21) trans-1,2-Dichloroethene	5.462	96	124267	134.991	ug/l	95
22) Diisopropyl ether	6.362	45	445098	184.947	ug/l	97
23) Vinyl Acetate	6.297	43	1628921	261.976	ug/l	98
24) 1,1-Dichloroethane	6.250	63	237327	143.739	ug/l	99
25) 2-Butanone	7.209	43	314311	1199.998	ug/l	96
26) 2,2-Dichloropropane	7.197	77	205944	121.154	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	172179	158.892	ug/l	94
28) Bromochloromethane	7.544	49	96332	183.377	ug/l #	98
29) Tetrahydrofuran	7.556	42	206211	1429.253	ug/l	96
30) Chloroform	7.703	83	303129	158.235	ug/l	98
31) Cyclohexane	7.979	56	136043	102.370	ug/l	93
32) 1,1,1-Trichloroethane	7.891	97	235737	130.293	ug/l	97
36) 1,1-Dichloropropene	8.103	75	164917	121.495	ug/l	100
37) Ethyl Acetate	7.285	43	141913	234.471	ug/l	97
38) Carbon Tetrachloride	8.085	117	192180	120.697	ug/l	98
39) Methylcyclohexane	9.344	83	164548	114.405	ug/l	98
40) Benzene	8.344	78	547371	142.801	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	74012	244.182	ug/l	97
42) 1,2-Dichloroethane	8.414	62	224901	181.752	ug/l	98
43) Isopropyl Acetate	8.444	43	267731	236.188	ug/l	96
44) Trichloroethene	9.103	130	143105	127.471	ug/l	100
45) 1,2-Dichloropropane	9.379	63	150404	159.718	ug/l	98
46) Dibromomethane	9.467	93	122903	196.647	ug/l	99
47) Bromodichloromethane	9.650	83	264693	168.885	ug/l	99
48) Methyl methacrylate	9.450	41	125252	247.669	ug/l	92
49) 1,4-Dioxane	9.456	88	38615	5435.593	ug/l #	95
51) 4-Methyl-2-Pentanone	10.220	43	770888	1318.604	ug/l	98
52) Toluene	10.391	92	381903	151.276	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	273235	199.225	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	279107	179.291	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	167599	203.870	ug/l	96
56) Ethyl methacrylate	10.650	69	219904	245.385	ug/l	99
57) 1,3-Dichloropropane	10.932	76	261839	200.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	434654	1384.695	ug/l	98
59) 2-Hexanone	10.973	43	540857	1367.190	ug/l	98
60) Dibromochloromethane	11.126	129	223637	203.859	ug/l	100
61) 1,2-Dibromoethane	11.232	107	174517	216.887	ug/l	99
64) Tetrachloroethene	10.867	164	121186	113.340	ug/l	96
65) Chlorobenzene	11.655	112	454875	140.328	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	197322	155.246	ug/l	99
67) Ethyl Benzene	11.732	91	746174	133.527	ug/l	97
68) m/p-Xylenes	11.844	106	617548	275.060	ug/l	98
69) o-Xylene	12.167	106	306724	148.390	ug/l	99
70) Styrene	12.179	104	572263	158.162	ug/l	99
71) Bromoform	12.344	173	154168	203.031	ug/l #	98
73) Isopropylbenzene	12.467	105	746491	125.374	ug/l	100
74) N-amyl acetate	12.273	43	262590	203.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	224499	192.456	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	146508m	122.504	ug/l	
77) Bromobenzene	12.744	156	222420	151.875	ug/l	97
78) n-propylbenzene	12.808	91	905004	123.747	ug/l	99
79) 2-Chlorotoluene	12.891	91	559195	134.171	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	681547	133.966	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	74069	226.979	ug/l	97
82) 4-Chlorotoluene	12.991	91	601914	135.946	ug/l	100
83) tert-Butylbenzene	13.208	119	566276	128.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	709994	138.712	ug/l	100
85) sec-Butylbenzene	13.385	105	810152	120.963	ug/l	99
86) p-Isopropyltoluene	13.497	119	724892	128.258	ug/l	99
87) 1,3-Dichlorobenzene	13.497	146	434046	141.634	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	444147	143.227	ug/l	99
89) n-Butylbenzene	13.826	91	645240	121.523	ug/l	98
90) Hexachloroethane	14.091	117	141340	123.688	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	408208	153.732	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	41549	200.770	ug/l	92
93) 1,2,4-Trichlorobenzene	15.138	180	261393	162.964	ug/l	99
94) Hexachlorobutadiene	15.243	225	103118	114.476	ug/l	96
95) Naphthalene	15.373	128	674485	223.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	244811	169.153	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

