

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080122\
 Data File : VD073912.D
 Acq On : 01 Aug 2022 13:40
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 02 04:52:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 04:48:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/02/2022
 Supervised By :Mahesh Dadoda 08/02/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	205042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	326792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	302593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	158287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	163767	86.036	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 172.080%#			
35) Dibromofluoromethane	7.908	113	181527	89.404	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 178.800%#			
50) Toluene-d8	10.332	98	610158	89.212	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 178.420%#			
62) 4-Bromofluorobenzene	12.620	95	244034	97.026	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 194.060%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	176203	92.658	ug/l	98
3) Chloromethane	2.208	50	245178	94.106	ug/l	95
4) Vinyl Chloride	2.344	62	326306	101.560	ug/l	99
5) Bromomethane	2.750	94	228502	100.709	ug/l	100
6) Chloroethane	2.908	64	216466	95.795	ug/l	99
7) Trichlorofluoromethane	3.267	101	333742	96.897	ug/l	99
8) Diethyl Ether	3.702	74	86791	100.120	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	191017	93.556	ug/l	97
10) Methyl Iodide	4.297	142	249105	111.578	ug/l	99
11) Tert butyl alcohol	5.226	59	57841	368.369	ug/l	97
12) 1,1-Dichloroethene	4.055	96	178801	98.837	ug/l	96
13) Acrolein	3.914	56	68959	712.386	ug/l	95
14) Allyl chloride	4.708	41	239379	97.866	ug/l	99
15) Acrylonitrile	5.414	53	174710	470.774	ug/l	98
16) Acetone	4.150	43	167923	472.011	ug/l	100
17) Carbon Disulfide	4.402	76	568103	107.841	ug/l	100
18) Methyl Acetate	4.714	43	85311	80.158	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	438115	100.030	ug/l	94
20) Methylene Chloride	4.955	84	223157	60.002	ug/l	98
21) trans-1,2-Dichloroethene	5.461	96	215483	99.947	ug/l	94
22) Diisopropyl ether	6.361	45	530910	99.971	ug/l	96
23) Vinyl Acetate	6.302	43	1505674	537.219	ug/l	100
24) 1,1-Dichloroethane	6.255	63	346919	96.574	ug/l	98
25) 2-Butanone	7.208	43	237563	474.718	ug/l	100
26) 2,2-Dichloropropane	7.202	77	348403	95.919	ug/l	100
27) cis-1,2-Dichloroethene	7.202	96	239720	98.764	ug/l	99
28) Bromochloromethane	7.538	49	114988	95.922	ug/l	97
29) Tetrahydrofuran	7.555	42	144117	492.877	ug/l	99
30) Chloroform	7.702	83	393465	96.125	ug/l	94
31) Cyclohexane	7.979	56	306082	96.401	ug/l	97
32) 1,1,1-Trichloroethane	7.896	97	381205	97.808	ug/l	99
36) 1,1-Dichloropropene	8.102	75	300984	104.080	ug/l	99
37) Ethyl Acetate	7.285	43	106351	98.748	ug/l	98
38) Carbon Tetrachloride	8.091	117	333890	103.068	ug/l	98
39) Methylcyclohexane	9.343	83	364411	107.507	ug/l	98
40) Benzene	8.343	78	825796	104.067	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	53350	85.811	ug/l #	83
42) 1,2-Dichloroethane	8.420	62	235733	96.789	ug/l	100
43) Isopropyl Acetate	8.443	43	215597	101.091	ug/l	99
44) Trichloroethene	9.102	130	240042	100.413	ug/l	99
45) 1,2-Dichloropropane	9.379	63	188005	98.462	ug/l	100
46) Dibromomethane	9.467	93	120820	98.379	ug/l	97
47) Bromodichloromethane	9.655	83	301779	99.201	ug/l	99
48) Methyl methacrylate	9.449	41	101440	101.923	ug/l	95
49) 1,4-Dioxane	9.455	88	25537	1972.990	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	540328	507.458	ug/l	99
52) Toluene	10.396	92	574659	106.427	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	287132	102.533	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	330303	104.183	ug/l	98
55) 1,1,2-Trichloroethane	10.790	97	155901	98.698	ug/l	96
56) Ethyl methacrylate	10.649	69	191043	106.227	ug/l	96
57) 1,3-Dichloropropane	10.932	76	259611	101.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	374317	543.874	ug/l	98
59) 2-Hexanone	10.973	43	372835	517.452	ug/l	99
60) Dibromochloromethane	11.132	129	216664	101.663	ug/l	100
61) 1,2-Dibromoethane	11.232	107	164589	102.801	ug/l	99
64) Tetrachloroethene	10.867	164	205401	95.382	ug/l	96
65) Chlorobenzene	11.655	112	600484	100.103	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	232988	101.395	ug/l	99
67) Ethyl Benzene	11.731	91	1102282	104.038	ug/l	100
68) m/p-Xylenes	11.843	106	890045	211.909	ug/l	98
69) o-Xylene	12.167	106	416739	105.938	ug/l	97
70) Styrene	12.184	104	718508	108.138	ug/l	99
71) Bromoform	12.349	173	132350	104.871	ug/l #	97
73) Isopropylbenzene	12.467	105	1120660	102.679	ug/l	99
74) N-amyl acetate	12.273	43	212385	97.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	178491	96.003	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	117046m	81.674	ug/l	
77) Bromobenzene	12.749	156	261192	101.662	ug/l	98
78) n-propylbenzene	12.808	91	1349539	101.678	ug/l	99
79) 2-Chlorotoluene	12.890	91	750831	98.890	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	954016	102.888	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	57717	104.612	ug/l	98
82) 4-Chlorotoluene	12.990	91	786939	98.876	ug/l	99
83) tert-Butylbenzene	13.208	119	831125	102.945	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	945670	103.237	ug/l	99
85) sec-Butylbenzene	13.384	105	1234383	101.046	ug/l	100
86) p-Isopropyltoluene	13.496	119	1052416	102.561	ug/l	100
87) 1,3-Dichlorobenzene	13.496	146	527526	98.323	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	517227	97.322	ug/l	98
89) n-Butylbenzene	13.825	91	955640	101.001	ug/l	99
90) Hexachloroethane	14.096	117	195106	103.757	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	455049	99.199	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	30259	95.549	ug/l	96
93) 1,2,4-Trichlorobenzene	15.137	180	279816	98.094	ug/l	99
94) Hexachlorobutadiene	15.243	225	149439	96.427	ug/l	98
95) Naphthalene	15.378	128	529440	101.618	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	241828	98.078	ug/l	97

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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

