

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060123\
 Data File : VD076306.D
 Acq On : 01 Jun 2023 19:40
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 02 05:37:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:32:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	229895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	361472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	335972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	174042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	200671	89.567	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 179.140%#			
35) Dibromofluoromethane	7.799	113	234225	98.161	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 196.320%#			
50) Toluene-d8	10.269	98	942973	102.497	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 205.000%#			
62) 4-Bromofluorobenzene	12.575	95	263911	102.847	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 205.700%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	199694	95.369	ug/l	97
3) Chloromethane	2.146	50	421817	99.660	ug/l	99
4) Vinyl Chloride	2.269	62	501238	90.723	ug/l	99
5) Bromomethane	2.664	94	226731	105.092	ug/l	98
6) Chloroethane	2.816	64	310294	100.090	ug/l	99
7) Trichlorofluoromethane	3.158	101	350963	92.600	ug/l	96
8) Diethyl Ether	3.581	74	131816	98.025	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.952	101	231260	93.774	ug/l	98
10) Methyl Iodide	4.146	142	279724	97.025	ug/l	100
11) Tert butyl alcohol	5.063	59	66012	462.812	ug/l	98
12) 1,1-Dichloroethene	3.922	96	248554	97.060	ug/l	98
13) Acrolein	3.793	56	66371	477.224	ug/l	99
14) Allyl chloride	4.552	41	244953	96.541	ug/l	98
15) Acrylonitrile	5.252	53	267346	480.696	ug/l	99
16) Acetone	4.022	43	161677	488.949	ug/l	99
17) Carbon Disulfide	4.252	76	785836	92.165	ug/l	98
18) Methyl Acetate	4.558	43	169477	89.810	ug/l	99
19) Methyl tert-butyl Ether	5.310	73	517938	100.224	ug/l	98
20) Methylene Chloride	4.793	84	287632	99.531	ug/l	97
21) trans-1,2-Dichloroethene	5.299	96	284327	95.551	ug/l	99
22) Diisopropyl ether	6.210	45	586287	97.358	ug/l	100
23) Vinyl Acetate	6.152	43	1444039	509.038	ug/l	100
24) 1,1-Dichloroethane	6.105	63	426393	90.367	ug/l	100
25) 2-Butanone	7.081	43	272308	465.790	ug/l	98
26) 2,2-Dichloropropane	7.069	77	330515	88.649	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	319070	97.858	ug/l	97
28) Bromochloromethane	7.422	49	159665	87.946	ug/l	99
29) Tetrahydrofuran	7.446	42	181229	504.488	ug/l	99
30) Chloroform	7.593	83	444452	89.533	ug/l	96
31) Cyclohexane	7.869	56	334380	96.959	ug/l	93
32) 1,1,1-Trichloroethane	7.787	97	356973	92.026	ug/l	99
36) 1,1-Dichloropropene	8.004	75	339630	102.925	ug/l	99
37) Ethyl Acetate	7.169	43	128797	102.937	ug/l	99
38) Carbon Tetrachloride	7.987	117	298038	104.881	ug/l	98
39) Methylcyclohexane	9.269	83	427342	114.939	ug/l	96
40) Benzene	8.246	78	1053293	100.570	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	69124	109.507	ug/l	96
42) 1,2-Dichloroethane	8.322	62	245017	96.264	ug/l	99
43) Isopropyl Acetate	8.357	43	232655	103.269	ug/l	97
44) Trichloroethene	9.022	130	294728	101.837	ug/l	99
45) 1,2-Dichloropropane	9.304	63	250925	99.254	ug/l	97
46) Dibromomethane	9.393	93	146042	98.437	ug/l	98
47) Bromodichloromethane	9.581	83	340887	98.076	ug/l	98
48) Methyl methacrylate	9.381	41	110328	114.061	ug/l	92
49) 1,4-Dioxane	9.387	88	39696	2209.936	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	631149	529.521	ug/l	100
52) Toluene	10.334	92	671686	104.796	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	334980	103.066	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	397709	103.585	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	205342	97.229	ug/l	96
56) Ethyl methacrylate	10.598	69	247107	99.524	ug/l	99
57) 1,3-Dichloropropane	10.875	76	335694	100.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	626680	502.857	ug/l	100
59) 2-Hexanone	10.922	43	434130	547.227	ug/l	100
60) Dibromochloromethane	11.075	129	240104	99.202	ug/l	96
61) 1,2-Dibromoethane	11.181	107	193587	99.205	ug/l	99
64) Tetrachloroethene	10.810	164	254210	106.203	ug/l	97
65) Chlorobenzene	11.604	112	731949	101.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	255012	102.044	ug/l	98
67) Ethyl Benzene	11.681	91	1257679	108.987	ug/l	100
68) m/p-Xylenes	11.792	106	1035175	216.849	ug/l	98
69) o-Xylene	12.122	106	481326	109.899	ug/l	98
70) Styrene	12.134	104	822739	108.846	ug/l	98
71) Bromoform	12.298	173	145728	102.940	ug/l #	100
73) Isopropylbenzene	12.422	105	1175361	110.874	ug/l	99
74) N-amyl acetate	12.234	43	224948	108.588	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	231636	95.793	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	152747m	97.297	ug/l	
77) Bromobenzene	12.698	156	306852	104.701	ug/l	99
78) n-propylbenzene	12.763	91	1442609	109.011	ug/l	99
79) 2-Chlorotoluene	12.851	91	780247	105.702	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	973273	110.297	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	72628	106.404	ug/l	94
82) 4-Chlorotoluene	12.945	91	821385	103.787	ug/l	99
83) tert-Butylbenzene	13.169	119	833599	111.197	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	985209	109.390	ug/l	99
85) sec-Butylbenzene	13.345	105	1266461	111.164	ug/l	99
86) p-Isopropyltoluene	13.463	119	1073039	112.623	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	610569	102.916	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	594430	98.665	ug/l	99
89) n-Butylbenzene	13.786	91	987570	112.857	ug/l	100
90) Hexachloroethane	14.051	117	193699	100.532	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	525232	100.628	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	31424	100.500	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	337967	113.146	ug/l	98
94) Hexachlorobutadiene	15.204	225	151931	108.519	ug/l	99
95) Naphthalene	15.333	128	686947	99.526	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	305500	111.404	ug/l	99

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

