

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054270.D
 Acq On : 25 May 2023 15:59
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: May 26 06:02:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 05:59:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	222520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.240	114	358063	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	356441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	198316	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	425571	145.893	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 291.780%#			
35) Dibromofluoromethane	5.282	113	344584	149.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 298.880%#			
50) Toluene-d8	7.893	98	1320626	150.573	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 301.140%#			
62) 4-Bromofluorobenzene	10.629	95	534873	157.279	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 314.560%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	372152	149.815	ug/l	100
3) Chloromethane	1.520	50	452767	139.201	ug/l	98
4) Vinyl Chloride	1.604	62	462388	148.993	ug/l	99
5) Bromomethane	1.854	94	242121	140.939	ug/l	96
6) Chloroethane	1.922	64	196988	131.415	ug/l	95
7) Trichlorofluoromethane	2.128	101	606999	142.169	ug/l	97
8) Diethyl Ether	2.372	74	234732	148.509	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.571	101	332957	144.034	ug/l	96
10) Methyl Iodide	2.716	142	427287	149.442	ug/l	95
11) Tert butyl alcohol	3.292	59	564187m	713.442	ug/l	
12) 1,1-Dichloroethene	2.571	96	335877	140.327	ug/l	95
13) Acrolein	2.481	56	598835	730.548	ug/l	99
14) Allyl chloride	2.916	41	601086	144.837	ug/l	89
15) Acrylonitrile	3.311	53	1301868	736.920	ug/l	99
16) Acetone	2.633	43	1174921	702.680	ug/l	100
17) Carbon Disulfide	2.787	76	1011205	142.952	ug/l	100
18) Methyl Acetate	2.944	43	860081	140.878	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	1155652	147.500	ug/l	98
20) Methylene Chloride	3.041	84	402374	133.391	ug/l	95
21) trans-1,2-Dichloroethene	3.343	96	364359	142.186	ug/l	97
22) Diisopropyl ether	3.983	45	1068306	145.237	ug/l	# 75
23) Vinyl Acetate	3.948	43	4143875	772.052	ug/l	98
24) 1,1-Dichloroethane	3.861	63	674386	143.183	ug/l	100
25) 2-Butanone	4.700	43	1665799	752.460	ug/l	98
26) 2,2-Dichloropropane	4.655	77	599128	145.557	ug/l	99
27) cis-1,2-Dichloroethene	4.658	96	415649	145.808	ug/l	94
28) Bromochloromethane	4.967	49	314532	144.310	ug/l	87
29) Tetrahydrofuran	5.047	42	1018078	731.614	ug/l	95
30) Chloroform	5.083	83	665681	139.037	ug/l	98
31) Cyclohexane	5.378	56	577706	140.258	ug/l	94
32) 1,1,1-Trichloroethane	5.308	97	600379	144.440	ug/l	99
36) 1,1-Dichloropropene	5.520	75	505277	139.513	ug/l	98
37) Ethyl Acetate	4.797	43	615770	139.508	ug/l	# 93
38) Carbon Tetrachloride	5.517	117	532410	143.623	ug/l	99
39) Methylcyclohexane	6.758	83	621263	151.448	ug/l	93
40) Benzene	5.768	78	1491350	144.363	ug/l	100

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41) Methacrylonitrile	4.967	41	317033	158.859	ug/l	92
42) 1,2-Dichloroethane	5.787	62	529627	141.130	ug/l	99
43) Isopropyl Acetate	5.906	43	910336	149.524	ug/l	98
44) Trichloroethene	6.536	130	406192	140.659	ug/l	94
45) 1,2-Dichloropropane	6.784	63	395069	146.596	ug/l	99
46) Dibromomethane	6.912	93	286876	144.614	ug/l	95
47) Bromodichloromethane	7.099	83	549927	148.234	ug/l	99
48) Methyl methacrylate	6.954	41	435220	161.195	ug/l	94
49) 1,4-Dioxane	6.996	88	221388	2840.275	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	3100012	763.001	ug/l	100
52) Toluene	7.964	92	958748	145.549	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	664755	156.620	ug/l	100
54) cis-1,3-Dichloropropene	7.600	75	684067	154.437	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	391799	143.524	ug/l	100
56) Ethyl methacrylate	8.330	69	678762	167.039	ug/l	96
57) 1,3-Dichloropropane	8.568	76	693187	147.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.456	63	278490	1068.941	ug/l	100
59) 2-Hexanone	8.687	43	2448868	763.003	ug/l	99
60) Dibromochloromethane	8.806	129	441356	159.133	ug/l	100
61) 1,2-Dibromoethane	8.919	107	448022	150.799	ug/l	100
64) Tetrachloroethene	8.549	164	385168	143.577	ug/l	97
65) Chlorobenzene	9.443	112	1070648	143.681	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	404375	149.588	ug/l	98
67) Ethyl Benzene	9.565	91	1921094	150.797	ug/l	97
68) m/p-Xylenes	9.687	106	1460530	302.456	ug/l	93
69) o-Xylene	10.095	106	719273	153.870	ug/l	93
70) Styrene	10.108	104	1236051	159.447	ug/l	97
71) Bromoform	10.288	173	379244	161.442	ug/l	99
73) Isopropylbenzene	10.478	105	1902807	154.927	ug/l	97
74) N-amyl acetate	10.317	43	821784	157.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	710531	142.972	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	861219	147.841	ug/l	97
77) Bromobenzene	10.777	156	497326	147.456	ug/l	93
78) n-propylbenzene	10.899	91	2333596	155.105	ug/l	98
79) 2-Chlorotoluene	10.980	91	1377702	151.248	ug/l	95
80) 1,3,5-Trimethylbenzene	11.082	105	1640415	157.056	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.542	75	253110	166.521	ug/l	99
82) 4-Chlorotoluene	11.092	91	1600716	149.773	ug/l	95
83) tert-Butylbenzene	11.417	119	1624073	155.495	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	1656613	159.424	ug/l	98
85) sec-Butylbenzene	11.639	105	2104743	158.813	ug/l	99
86) p-Isopropyltoluene	11.787	119	1780661	159.744	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	942850	144.378	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	952935	142.424	ug/l	98
89) n-Butylbenzene	12.205	91	1652103	157.453	ug/l	98
90) Hexachloroethane	12.471	117	320465	162.508	ug/l	91
91) 1,2-Dichlorobenzene	12.208	146	939086	146.175	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	185526	163.690	ug/l	91
93) 1,2,4-Trichlorobenzene	13.835	180	696552	149.328	ug/l	99
94) Hexachlorobutadiene	14.015	225	316542	148.100	ug/l	99
95) Naphthalene	14.079	128	2262388	150.079	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	686626	149.367	ug/l	98

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

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