

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035605.D
 Acq On : 11 May 2023 12:56
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 11 13:31:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:25:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	233308	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	414590	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177113	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	566516	139.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 278.380%#			
35) Dibromofluoromethane	5.385	113	394821	141.210	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 282.420%#			
50) Toluene-d8	8.653	98	1425858	138.043	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 276.080%#			
62) 4-Bromofluorobenzene	11.079	95	597402	143.644	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 287.280%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	423702	139.349	ug/l	99
3) Chloromethane	1.294	50	445828	120.823	ug/l	100
4) Vinyl Chloride	1.374	62	426095	136.068	ug/l	99
5) Bromomethane	1.617	94	247302	145.816	ug/l	100
6) Chloroethane	1.691	64	239684	126.167	ug/l	98
7) Trichlorofluoromethane	1.880	101	599214	130.138	ug/l	99
8) Diethyl Ether	2.130	74	234573	132.314	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	368620	134.840	ug/l	96
10) Methyl Iodide	2.453	142	401239	164.107	ug/l	91
11) Tert butyl alcohol	3.001	59	465702m	650.225	ug/l	
12) 1,1-Dichloroethene	2.319	96	356970	137.393	ug/l	92
13) Acrolein	2.239	56	556537	660.013	ug/l	100
14) Allyl chloride	2.660	41	754866	135.616	ug/l	95
15) Acrylonitrile	3.068	53	1059769	670.215	ug/l	99
16) Acetone	2.398	43	1060984	606.507	ug/l	95
17) Carbon Disulfide	2.508	76	953045	151.989	ug/l	100
18) Methyl Acetate	2.703	43	880519	136.482	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	1377656	133.248	ug/l	100
20) Methylene Chloride	2.788	84	412040	129.964	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	389680	136.874	ug/l	95
22) Diisopropyl ether	3.763	45	1433642	131.548	ug/l #	86
23) Vinyl Acetate	3.721	43	5171480	670.640	ug/l	99
24) 1,1-Dichloroethane	3.611	63	792680	135.998	ug/l	99
25) 2-Butanone	4.568	43	1578475	651.818	ug/l	99
26) 2,2-Dichloropropane	4.477	77	692327	140.266	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	458830	134.065	ug/l	93
28) Bromochloromethane	4.897	49	364159	138.903	ug/l	97
29) Tetrahydrofuran	5.013	42	998432	655.926	ug/l	99
30) Chloroform	5.092	83	811841	135.926	ug/l	99
31) Cyclohexane	5.470	56	693437	134.849	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	730083	140.490	ug/l	99
36) 1,1-Dichloropropene	5.690	75	603048	136.642	ug/l	98
37) Ethyl Acetate	4.714	43	614063	133.397	ug/l	99
38) Carbon Tetrachloride	5.678	117	610247	145.967	ug/l	98
39) Methylcyclohexane	7.379	83	713809	137.401	ug/l	93
40) Benzene	6.037	78	1650502	133.683	ug/l	99

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41) Methacrylonitrile	4.922	41	362218	132.529	ug/l	97
42) 1,2-Dichloroethane	6.086	62	709685	133.624	ug/l	97
43) Isopropyl Acetate	6.342	43	1101547	137.230	ug/l	100
44) Trichloroethene	7.123	130	426961	136.384	ug/l	94
45) 1,2-Dichloropropane	7.427	63	442967	135.468	ug/l	100
46) Dibromomethane	7.580	93	308637	137.890	ug/l	96
47) Bromodichloromethane	7.824	83	632296	146.154	ug/l	99
48) Methyl methacrylate	7.690	41	547893	138.306	ug/l	98
49) 1,4-Dioxane	7.726	88	192977	2947.365	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	2974157	643.139	ug/l	100
52) Toluene	8.720	92	1039787	133.416	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	726337	154.532	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	750211	148.973	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	415290	135.670	ug/l	99
56) Ethyl methacrylate	9.116	69	700664	141.346	ug/l	98
57) 1,3-Dichloropropane	9.305	76	740792	133.498	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1743896	691.542	ug/l	99
59) 2-Hexanone	9.433	43	2232548	641.049	ug/l	100
60) Dibromochloromethane	9.525	129	452168	154.967	ug/l	99
61) 1,2-Dibromoethane	9.610	107	446238	138.365	ug/l	100
64) Tetrachloroethene	9.275	164	334032	132.983	ug/l	95
65) Chlorobenzene	10.079	112	1092053	134.088	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	411002	142.720	ug/l	99
67) Ethyl Benzene	10.195	91	2034936	132.853	ug/l	99
68) m/p-Xylenes	10.305	106	1510466	266.782	ug/l	98
69) o-Xylene	10.640	106	752740	133.982	ug/l	96
70) Styrene	10.659	104	1274345	140.738	ug/l	98
71) Bromoform	10.799	173	301239	158.984	ug/l	100
73) Isopropylbenzene	10.963	105	1988101	133.211	ug/l	99
74) N-amyl acetate	10.848	43	927819	133.334	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	613107	126.639	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	583595m	137.553	ug/l	
77) Bromobenzene	11.201	156	454198	134.083	ug/l	94
78) n-propylbenzene	11.305	91	2363105	134.697	ug/l	100
79) 2-Chlorotoluene	11.366	91	1448974	131.917	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1694533	133.589	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	212571	158.137	ug/l	97
82) 4-Chlorotoluene	11.457	91	1675735	132.472	ug/l	99
83) tert-Butylbenzene	11.713	119	1678110	136.099	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1711672	134.391	ug/l	98
85) sec-Butylbenzene	11.890	105	2100686	135.693	ug/l	100
86) p-Isopropyltoluene	12.012	119	1759070	138.211	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	869699	135.150	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	872664	134.296	ug/l	99
89) n-Butylbenzene	12.335	91	1635012	141.219	ug/l	99
90) Hexachloroethane	12.536	117	305199	158.210	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	823883	130.743	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	151033	140.094	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	530578	139.836	ug/l	98
94) Hexachlorobutadiene	13.725	225	206765	137.292	ug/l	99
95) Naphthalene	13.774	128	1731334	133.244	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	511217	136.995	ug/l	99

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

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