

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036764.D
 Acq On : 02 Aug 2023 12:40
 Operator : JC/MD
 Sample : VX0802WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

Quant Time: Aug 03 07:27:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/03/2023
 Supervised By : Semsettin Yesilyurt 08/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	145880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98480	45.624	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.240%		
35) Dibromofluoromethane	5.385	113	83146	47.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.520%		
50) Toluene-d8	8.647	98	287938	46.154	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.300%		
62) 4-Bromofluorobenzene	11.079	95	111623	47.423	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	31639	16.418	ug/l	96
3) Chloromethane	1.301	50	29648	16.915	ug/l	99
4) Vinyl Chloride	1.374	62	31916	17.884	ug/l	99
5) Bromomethane	1.599	94	18581	17.440	ug/l	96
6) Chloroethane	1.685	64	20169	23.246	ug/l	96
7) Trichlorofluoromethane	1.886	101	55961	20.306	ug/l	99
8) Diethyl Ether	2.136	74	20905	19.607	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	31366	18.944	ug/l	98
10) Methyl Iodide	2.453	142	29453	17.127	ug/l	93
11) Tert butyl alcohol	2.959	59	54105	105.878	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	29712	18.189	ug/l	87
13) Acrolein	2.233	56	27258	93.466	ug/l	98
14) Allyl chloride	2.666	41	54622	16.981	ug/l	94
15) Acrylonitrile	3.063	53	101226	98.500	ug/l	100
16) Acetone	2.380	43	91365	102.004	ug/l	93
17) Carbon Disulfide	2.514	76	70677	15.677	ug/l	99
18) Methyl Acetate	2.703	43	72962	19.363	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	118808	19.355	ug/l	99
20) Methylene Chloride	2.788	84	38066	19.109	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	32951	18.049	ug/l	88
22) Diisopropyl ether	3.764	45	113461	18.578	ug/l	87
23) Vinyl Acetate	3.721	43	432829	92.390	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	64740	18.907	ug/l	98
25) 2-Butanone	4.556	43	142348	97.953	ug/l	92
26) 2,2-Dichloropropane	4.477	77	58627	18.170	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	41004	18.910	ug/l	93
28) Bromochloromethane	4.898	49	36202	21.860	ug/l	89
29) Tetrahydrofuran	5.001	42	87135	93.002	ug/l	90
30) Chloroform	5.093	83	68451	19.539	ug/l	98
31) Cyclohexane	5.471	56	51457	17.218	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	60943	18.986	ug/l	98
36) 1,1-Dichloropropene	5.690	75	47284	18.032	ug/l	97
37) Ethyl Acetate	4.715	43	54015	18.200	ug/l	96
38) Carbon Tetrachloride	5.678	117	51922	18.625	ug/l	96
39) Methylcyclohexane	7.379	83	55661	17.071	ug/l	94
40) Benzene	6.038	78	140259	18.385	ug/l	100

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41) Methacrylonitrile	4.922	41	29788	18.766	ug/l	93
42) 1,2-Dichloroethane	6.086	62	54344	19.483	ug/l	96
43) Isopropyl Acetate	6.342	43	91623	17.934	ug/l	96
44) Trichloroethene	7.129	130	37475	18.793	ug/l	96
45) 1,2-Dichloropropane	7.428	63	37809	18.562	ug/l	100
46) Dibromomethane	7.580	93	26942	18.900	ug/l	96
47) Bromodichloromethane	7.824	83	54335	18.569	ug/l	99
48) Methyl methacrylate	7.696	41	42984	18.092	ug/l	91
49) 1,4-Dioxane	7.659	88	20576	428.695	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	280147	99.091	ug/l	96
52) Toluene	8.720	92	91626	19.168	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	59781	18.076	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	62972	18.044	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	39312	19.564	ug/l	95
56) Ethyl methacrylate	9.116	69	62162	18.998	ug/l	94
57) 1,3-Dichloropropane	9.311	76	65411	19.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	154009	95.525	ug/l	97
59) 2-Hexanone	9.427	43	212793	101.415	ug/l	95
60) Dibromochloromethane	9.519	129	43520	19.705	ug/l	99
61) 1,2-Dibromoethane	9.610	107	41151	19.760	ug/l	99
64) Tetrachloroethene	9.275	164	32138	18.602	ug/l	97
65) Chlorobenzene	10.080	112	98653	19.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	38190	19.353	ug/l	97
67) Ethyl Benzene	10.195	91	176531	18.927	ug/l	100
68) m/p-Xylenes	10.299	106	133676	38.413	ug/l	99
69) o-Xylene	10.640	106	66746	19.215	ug/l	98
70) Styrene	10.653	104	111238	19.410	ug/l	98
71) Bromoform	10.799	173	30290	18.962	ug/l #	99
73) Isopropylbenzene	10.964	105	175603	18.590	ug/l	98
74) N-amyl acetate	10.842	43	77678	17.634	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	61213	19.186	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	51982m	19.362	ug/l	
77) Bromobenzene	11.195	156	41195	19.149	ug/l	95
78) n-propylbenzene	11.305	91	200628	18.364	ug/l	100
79) 2-Chlorotoluene	11.366	91	123076	18.592	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	147724	18.693	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19429	16.403	ug/l	89
82) 4-Chlorotoluene	11.451	91	140179	18.584	ug/l	99
83) tert-Butylbenzene	11.713	119	147920	19.053	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	148427	18.781	ug/l	97
85) sec-Butylbenzene	11.890	105	182552	18.855	ug/l	99
86) p-Isopropyltoluene	12.006	119	152087	19.091	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	77405	19.427	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	76747	19.409	ug/l	99
89) n-Butylbenzene	12.329	91	129491	18.158	ug/l	99
90) Hexachloroethane	12.536	117	28697	17.769	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	76487	19.893	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13562	18.292	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	45951	19.398	ug/l	96
94) Hexachlorobutadiene	13.725	225	17920	18.286	ug/l	95
95) Naphthalene	13.774	128	159748	19.352	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	45076	19.307	ug/l	98

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

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