

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036761.D
 Acq On : 02 Aug 2023 11:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 03 07:26:39 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	5.544	168	148422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	252994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102424	46.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.280%		
35) Dibromofluoromethane	5.385	113	85418	49.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.240%		
50) Toluene-d8	8.647	98	295384	47.900	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.800%		
62) 4-Bromofluorobenzene	11.079	95	118145	50.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84006	42.845	ug/l	98
3) Chloromethane	1.301	50	74627	41.847	ug/l	97
4) Vinyl Chloride	1.374	62	81055	44.642	ug/l	100
5) Bromomethane	1.599	94	47744	44.045	ug/l	98
6) Chloroethane	1.679	64	52241	59.180	ug/l	98
7) Trichlorofluoromethane	1.886	101	143828	51.296	ug/l	100
8) Diethyl Ether	2.130	74	53839	49.631	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	83067	49.311	ug/l	99
10) Methyl Iodide	2.453	142	82475	47.137	ug/l	94
11) Tert butyl alcohol	2.959	59	123515	237.566	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	76776	46.196	ug/l	88
13) Acrolein	2.233	56	89378	301.223	ug/l	97
14) Allyl chloride	2.660	41	140338	42.882	ug/l #	95
15) Acrylonitrile	3.062	53	256246	245.076	ug/l	99
16) Acetone	2.380	43	252807	277.411	ug/l	91
17) Carbon Disulfide	2.508	76	182024	39.683	ug/l	98
18) Methyl Acetate	2.703	43	184748	48.191	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	313929	50.266	ug/l	100
20) Methylene Chloride	2.788	84	92958	45.866	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	84926	45.722	ug/l	92
22) Diisopropyl ether	3.757	45	290742	46.790	ug/l	88
23) Vinyl Acetate	3.715	43	1120777	235.139	ug/l	95
24) 1,1-Dichloroethane	3.605	63	164429	47.197	ug/l	98
25) 2-Butanone	4.550	43	367521	248.570	ug/l	93
26) 2,2-Dichloropropane	4.471	77	154592	47.092	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	106138	48.109	ug/l	93
28) Bromochloromethane	4.891	49	79082	46.936	ug/l	91
29) Tetrahydrofuran	4.995	42	224058	235.048	ug/l	92
30) Chloroform	5.086	83	176603	49.548	ug/l	100
31) Cyclohexane	5.464	56	131313	43.185	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	157253	48.150	ug/l	98
36) 1,1-Dichloropropene	5.690	75	120145	46.354	ug/l	97
37) Ethyl Acetate	4.708	43	137886	47.002	ug/l	97
38) Carbon Tetrachloride	5.672	117	135654	49.230	ug/l	96
39) Methylcyclohexane	7.379	83	149545	46.401	ug/l	93
40) Benzene	6.031	78	359553	47.680	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	75770	48.291	ug/l #	84
42) 1,2-Dichloroethane	6.080	62	140874	51.095	ug/l	97
43) Isopropyl Acetate	6.336	43	237624	47.056	ug/l	95
44) Trichloroethene	7.123	130	96435	48.924	ug/l	97
45) 1,2-Dichloropropane	7.427	63	98281	48.814	ug/l	98
46) Dibromomethane	7.574	93	70804	50.248	ug/l	95
47) Bromodichloromethane	7.818	83	145947	50.460	ug/l	96
48) Methyl methacrylate	7.690	41	111366	47.421	ug/l #	88
49) 1,4-Dioxane	7.653	88	47646	1004.285	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	693502	248.163	ug/l	95
52) Toluene	8.714	92	236460	50.044	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	164103	50.199	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	169049	49.006	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	102510	51.611	ug/l	96
56) Ethyl methacrylate	9.116	69	165252	51.094	ug/l	93
57) 1,3-Dichloropropane	9.305	76	170653	51.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	389296	244.283	ug/l	97
59) 2-Hexanone	9.427	43	521575	251.482	ug/l	94
60) Dibromochloromethane	9.519	129	115285	52.809	ug/l	100
61) 1,2-Dibromoethane	9.610	107	107572	52.257	ug/l	99
64) Tetrachloroethene	9.269	164	84124	48.744	ug/l	98
65) Chlorobenzene	10.079	112	256479	50.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	101776	51.628	ug/l	98
67) Ethyl Benzene	10.189	91	454388	48.768	ug/l	99
68) m/p-Xylenes	10.299	106	346571	99.694	ug/l	99
69) o-Xylene	10.640	106	172186	49.621	ug/l	99
70) Styrene	10.653	104	290096	50.671	ug/l	98
71) Bromoform	10.799	173	84277	52.813	ug/l #	100
73) Isopropylbenzene	10.963	105	454573	48.161	ug/l	98
74) N-amyl acetate	10.842	43	200381	45.526	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	152115	47.717	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	134182m	50.020	ug/l	
77) Bromobenzene	11.195	156	106454	49.525	ug/l	95
78) n-propylbenzene	11.305	91	534480	48.964	ug/l	99
79) 2-Chlorotoluene	11.360	91	317186	47.953	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	385857	48.867	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53785	45.444	ug/l	87
82) 4-Chlorotoluene	11.451	91	364557	48.371	ug/l	98
83) tert-Butylbenzene	11.713	119	386850	49.871	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	384222	48.656	ug/l	95
85) sec-Butylbenzene	11.890	105	484450	50.078	ug/l	99
86) p-Isopropyltoluene	12.006	119	404326	50.795	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	200055	50.251	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	201348	50.963	ug/l	99
89) n-Butylbenzene	12.329	91	363228	50.975	ug/l	99
90) Hexachloroethane	12.536	117	77180	47.828	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	195291	50.834	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35528	47.959	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	123575	52.210	ug/l	98
94) Hexachlorobutadiene	13.725	225	50070	51.133	ug/l	98
95) Naphthalene	13.774	128	425739	51.617	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	122701	52.597	ug/l	99

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

