

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036640.D
 Acq On : 24 Jul 2023 19:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 25 06:39:43 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 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	168783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	299813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124263	49.757	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.520%		
35) Dibromofluoromethane	5.391	113	101862	49.430	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.860%		
50) Toluene-d8	8.647	98	362577	49.615	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.220%		
62) 4-Bromofluorobenzene	11.079	95	141428	51.295	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	98348	44.108	ug/l	98
3) Chloromethane	1.295	50	91560	45.148	ug/l	100
4) Vinyl Chloride	1.374	62	100622	48.733	ug/l	99
5) Bromomethane	1.618	94	62194	50.454	ug/l	99
6) Chloroethane	1.691	64	56791	56.574	ug/l	97
7) Trichlorofluoromethane	1.886	101	160714	50.404	ug/l	99
8) Diethyl Ether	2.136	74	60077	48.701	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	93401	48.757	ug/l	99
10) Methyl Iodide	2.453	142	103399	51.967	ug/l	92
11) Tert butyl alcohol	3.002	59	156736	265.096	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	94174	49.829	ug/l	87
13) Acrolein	2.239	56	88330	261.779	ug/l	99
14) Allyl chloride	2.666	41	175310	47.106	ug/l	93
15) Acrylonitrile	3.069	53	308575	259.521	ug/l	99
16) Acetone	2.398	43	247818	239.132	ug/l	90
17) Carbon Disulfide	2.514	76	240147	46.039	ug/l	98
18) Methyl Acetate	2.709	43	224729	51.548	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	364181	51.278	ug/l	100
20) Methylene Chloride	2.788	84	109239	47.397	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	103011	48.768	ug/l	93
22) Diisopropyl ether	3.764	45	349789	49.502	ug/l	86
23) Vinyl Acetate	3.721	43	1389700	256.387	ug/l	96
24) 1,1-Dichloroethane	3.611	63	198006	49.979	ug/l	98
25) 2-Butanone	4.562	43	423934	252.135	ug/l	95
26) 2,2-Dichloropropane	4.477	77	162595	43.555	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	124382	49.578	ug/l	93
28) Bromochloromethane	4.904	49	94425	49.281	ug/l	91
29) Tetrahydrofuran	5.013	42	276725	255.278	ug/l	93
30) Chloroform	5.093	83	206900	51.046	ug/l	99
31) Cyclohexane	5.471	56	159173	46.032	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	184557	49.693	ug/l	98
36) 1,1-Dichloropropene	5.696	75	146429	47.673	ug/l	99
37) Ethyl Acetate	4.715	43	174537	50.205	ug/l	97
38) Carbon Tetrachloride	5.678	117	160134	49.039	ug/l	98
39) Methylcyclohexane	7.379	83	171091	44.796	ug/l	96
40) Benzene	6.038	78	431476	48.283	ug/l	99

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41) Methacrylonitrile	4.922	41	94713	50.938	ug/l	94
42) 1,2-Dichloroethane	6.092	62	163688	50.099	ug/l	96
43) Isopropyl Acetate	6.342	43	293279	49.008	ug/l	96
44) Trichloroethene	7.129	130	113043	48.394	ug/l	99
45) 1,2-Dichloropropane	7.434	63	115333	48.338	ug/l	100
46) Dibromomethane	7.580	93	83259	49.860	ug/l	97
47) Bromodichloromethane	7.824	83	169836	49.549	ug/l	98
48) Methyl methacrylate	7.696	41	138077	49.613	ug/l	91
49) 1,4-Dioxane	7.702	88	59586	1059.826	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	856537	258.640	ug/l	96
52) Toluene	8.720	92	274545	49.030	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	191260	49.370	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	198277	48.503	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	118454	50.325	ug/l	97
56) Ethyl methacrylate	9.116	69	197420	51.508	ug/l	94
57) 1,3-Dichloropropane	9.311	76	199890	50.987	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	435684	230.699	ug/l	98
59) 2-Hexanone	9.433	43	636872	259.120	ug/l	95
60) Dibromochloromethane	9.519	129	132521	51.224	ug/l	99
61) 1,2-Dibromoethane	9.610	107	125797	51.567	ug/l	100
64) Tetrachloroethene	9.275	164	99241	48.501	ug/l	98
65) Chlorobenzene	10.080	112	298521	49.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	116537	49.861	ug/l	98
67) Ethyl Benzene	10.195	91	536965	48.608	ug/l	99
68) m/p-Xylenes	10.299	106	407324	98.826	ug/l	98
69) o-Xylene	10.640	106	202531	49.228	ug/l	99
70) Styrene	10.653	104	339028	49.947	ug/l	98
71) Bromoform	10.799	173	97702	51.640	ug/l #	99
73) Isopropylbenzene	10.964	105	526059	48.718	ug/l	98
74) N-amyl acetate	10.842	43	243432	48.344	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	178346	48.901	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	151889m	49.492	ug/l	
77) Bromobenzene	11.195	156	123882	50.377	ug/l	96
78) n-propylbenzene	11.305	91	612886	49.078	ug/l	100
79) 2-Chlorotoluene	11.366	91	367411	48.553	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	444675	49.226	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	64273	47.469	ug/l	85
82) 4-Chlorotoluene	11.451	91	419276	48.628	ug/l	98
83) tert-Butylbenzene	11.713	119	435640	49.090	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	443346	49.075	ug/l	97
85) sec-Butylbenzene	11.890	105	549016	49.608	ug/l	99
86) p-Isopropyltoluene	12.006	119	461676	50.697	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	226642	49.762	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	226562	50.125	ug/l	99
89) n-Butylbenzene	12.329	91	404629	49.635	ug/l	100
90) Hexachloroethane	12.536	117	91347	49.480	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	217599	49.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42762	50.457	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	135932	50.200	ug/l	97
94) Hexachlorobutadiene	13.725	225	53673	47.912	ug/l	99
95) Naphthalene	13.774	128	486774	51.586	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133764	50.121	ug/l	97

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

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