

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034218.D
 Acq On : 22 Feb 2023 10:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 23 01:25:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	333521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	542757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	499552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	205852	45.829	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.660%		
35) Dibromofluoromethane	5.379	113	174244	49.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.620%		
50) Toluene-d8	8.647	98	660299	52.042	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.080%		
62) 4-Bromofluorobenzene	11.079	95	266181	54.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	142004	49.273	ug/l	97
3) Chloromethane	1.301	50	197345	47.584	ug/l	99
4) Vinyl Chloride	1.374	62	198663	52.598	ug/l	100
5) Bromomethane	1.599	94	90339	65.083	ug/l	99
6) Chloroethane	1.685	64	110667	58.282	ug/l	99
7) Trichlorofluoromethane	1.886	101	287879	56.337	ug/l	99
8) Diethyl Ether	2.136	74	109902	53.386	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	168506	46.825	ug/l	94
10) Methyl Iodide	2.453	142	201370	45.958	ug/l	94
11) Tert butyl alcohol	2.953	59	213571	212.585	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	161284	44.709	ug/l	95
13) Acrolein	2.233	56	104338	227.516	ug/l	100
14) Allyl chloride	2.660	41	330698	43.216	ug/l	88
15) Acrylonitrile	3.063	53	522397	238.359	ug/l	99
16) Acetone	2.374	43	496598	214.323	ug/l	92
17) Carbon Disulfide	2.508	76	443386	42.750	ug/l	99
18) Methyl Acetate	2.703	43	342992	47.840	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	603979	47.438	ug/l	97
20) Methylene Chloride	2.788	84	188115	45.058	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	176367	46.657	ug/l	99
22) Diisopropyl ether	3.758	45	678000	50.539	ug/l	95
23) Vinyl Acetate	3.721	43	2650452	246.595	ug/l	100
24) 1,1-Dichloroethane	3.605	63	337875	45.877	ug/l	99
25) 2-Butanone	4.550	43	768585	229.251	ug/l	98
26) 2,2-Dichloropropane	4.471	77	294697	44.172	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	213666	47.734	ug/l	96
28) Bromochloromethane	4.898	49	155105	47.211	ug/l	88
29) Tetrahydrofuran	5.001	42	487517	238.369	ug/l	99
30) Chloroform	5.093	83	341267	48.257	ug/l	100
31) Cyclohexane	5.471	56	314964	46.966	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	291791	46.028	ug/l	100
36) 1,1-Dichloropropene	5.690	75	252513	48.316	ug/l	99
37) Ethyl Acetate	4.709	43	295303	50.558	ug/l	99
38) Carbon Tetrachloride	5.678	117	256642	47.721	ug/l	100
39) Methylcyclohexane	7.379	83	325335	48.373	ug/l	99
40) Benzene	6.038	78	760947	49.132	ug/l	100

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41) Methacrylonitrile	4.916	41	161977	49.774	ug/l	98
42) 1,2-Dichloroethane	6.086	62	265855	48.806	ug/l	99
43) Isopropyl Acetate	6.336	43	510016	49.482	ug/l	99
44) Trichloroethene	7.123	130	197300	49.641	ug/l	97
45) 1,2-Dichloropropane	7.428	63	204079	49.498	ug/l	99
46) Dibromomethane	7.580	93	136173	50.185	ug/l	88
47) Bromodichloromethane	7.818	83	274679	49.327	ug/l	97
48) Methyl methacrylate	7.690	41	240668	49.195	ug/l	98
49) 1,4-Dioxane	7.653	88	93047	953.561	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	1505728	265.525	ug/l	99
52) Toluene	8.714	92	483864	51.560	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	327525	51.098	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	338535	49.335	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	199947	52.785	ug/l	99
56) Ethyl methacrylate	9.116	69	333390	52.027	ug/l	97
57) 1,3-Dichloropropane	9.305	76	342100	51.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	703954	253.596	ug/l	95
59) 2-Hexanone	9.427	43	1164116	269.364	ug/l	98
60) Dibromochloromethane	9.519	129	221937	53.025	ug/l	99
61) 1,2-Dibromoethane	9.610	107	209495	52.293	ug/l	98
64) Tetrachloroethene	9.275	164	167974	47.642	ug/l	96
65) Chlorobenzene	10.080	112	521356	50.067	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	199983	49.609	ug/l	98
67) Ethyl Benzene	10.195	91	940330	50.264	ug/l	100
68) m/p-Xylenes	10.299	106	735575	102.745	ug/l	96
69) o-Xylene	10.640	106	362634	50.879	ug/l	95
70) Styrene	10.653	104	611245	52.731	ug/l	96
71) Bromoform	10.799	173	167979	51.050	ug/l	100
73) Isopropylbenzene	10.964	105	946770	48.935	ug/l	100
74) N-amyl acetate	10.842	43	482205	49.609	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	321777	48.626	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	268744m	42.071	ug/l	
77) Bromobenzene	11.195	156	228831	49.148	ug/l	83
78) n-propylbenzene	11.305	91	1124524	49.975	ug/l	97
79) 2-Chlorotoluene	11.366	91	677231	49.084	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	799001	49.119	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	116481	46.843	ug/l	92
82) 4-Chlorotoluene	11.451	91	780467	49.664	ug/l	96
83) tert-Butylbenzene	11.713	119	804719	48.303	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	816195	49.625	ug/l	97
85) sec-Butylbenzene	11.890	105	1021289	50.481	ug/l	98
86) p-Isopropyltoluene	12.006	119	842935	50.344	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	439794	50.366	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	437579	49.683	ug/l	96
89) n-Butylbenzene	12.329	91	765558	51.336	ug/l	98
90) Hexachloroethane	12.536	117	169308	48.363	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	426362	49.905	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71190	45.114	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	272014	49.592	ug/l	98
94) Hexachlorobutadiene	13.725	225	111282	48.941	ug/l	99
95) Naphthalene	13.774	128	893572	48.360	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	269764	49.540	ug/l	99

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

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