

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038446.D
 Acq On : 23 Oct 2023 20:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 24 00:08:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	147421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247080	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107008	45.129	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.260%
35) Dibromofluoromethane	5.385	113	93917	52.752	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.500%
50) Toluene-d8	8.647	98	330914	48.641	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.280%
62) 4-Bromofluorobenzene	11.079	95	134083	51.987	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.980%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	76474	53.742	ug/l	100
3) Chloromethane	1.301	50	70678	48.732	ug/l	97
4) Vinyl Chloride	1.374	62	81311	50.565	ug/l	100
5) Bromomethane	1.599	94	100666	47.625	ug/l	98
6) Chloroethane	1.679	64	58519	49.769	ug/l	99
7) Trichlorofluoromethane	1.886	101	160138	50.417	ug/l	99
8) Diethyl Ether	2.130	74	55775	47.084	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	79161	57.090	ug/l	98
10) Methyl Iodide	2.453	142	98831	49.537	ug/l	93
11) Tert butyl alcohol	2.959	59	123761	235.815	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	73352	54.384	ug/l	88
13) Acrolein	2.233	56	98892	293.372	ug/l	99
14) Allyl chloride	2.666	41	113772	47.159	ug/l #	93
15) Acrylonitrile	3.062	53	268732	249.040	ug/l	99
16) Acetone	2.380	43	235306	237.777	ug/l	90
17) Carbon Disulfide	2.514	76	170673	43.904	ug/l	97
18) Methyl Acetate	2.703	43	224401	52.878	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	268660	50.013	ug/l	99
20) Methylene Chloride	2.788	84	90574	48.658	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	85367	51.118	ug/l	87
22) Diisopropyl ether	3.764	45	248450	49.137	ug/l #	84
23) Vinyl Acetate	3.721	43	889115	239.784	ug/l	95
24) 1,1-Dichloroethane	3.611	63	150385	49.009	ug/l	98
25) 2-Butanone	4.556	43	375894	235.418	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	106193	44.326	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	102640	51.606	ug/l	88
28) Bromochloromethane	4.897	49	62167	44.879	ug/l #	78
29) Tetrahydrofuran	5.001	42	241634	232.440	ug/l #	86
30) Chloroform	5.093	83	174564	52.023	ug/l	94
31) Cyclohexane	5.477	56	119403	46.478	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	150593	52.397	ug/l	98
36) 1,1-Dichloropropene	5.690	75	119322	48.602	ug/l	96
37) Ethyl Acetate	4.715	43	139542	47.858	ug/l	97
38) Carbon Tetrachloride	5.678	117	128832	53.343	ug/l	98
39) Methylcyclohexane	7.379	83	142236	49.461	ug/l	92
40) Benzene	6.037	78	355172	51.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	71220	49.101	ug/l	#	86
42) 1,2-Dichloroethane	6.086	62	135963	49.558	ug/l		97
43) Isopropyl Acetate	6.336	43	210271	48.308	ug/l	#	95
44) Trichloroethene	7.123	130	99549	55.428	ug/l		96
45) 1,2-Dichloropropane	7.434	63	89080	50.123	ug/l		98
46) Dibromomethane	7.580	93	72563	52.642	ug/l		95
47) Bromodichloromethane	7.824	83	134790	54.968	ug/l		99
48) Methyl methacrylate	7.690	41	102894	49.517	ug/l	#	82
49) 1,4-Dioxane	7.659	88	48582	948.778	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.574	43	765011	254.804	ug/l		96
52) Toluene	8.720	92	236883	52.958	ug/l		94
53) t-1,3-Dichloropropene	8.976	75	137604	52.279	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	145558	52.635	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	103076	53.874	ug/l		95
56) Ethyl methacrylate	9.116	69	151365	51.600	ug/l		92
57) 1,3-Dichloropropane	9.311	76	161418	52.164	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	341357	237.068	ug/l		97
59) 2-Hexanone	9.433	43	609859	252.670	ug/l		93
60) Dibromochloromethane	9.519	129	109456	58.454	ug/l		99
61) 1,2-Dibromoethane	9.610	107	114179	55.186	ug/l		100
64) Tetrachloroethene	9.275	164	86589	53.918	ug/l		98
65) Chlorobenzene	10.079	112	269740	51.963	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	100248	57.110	ug/l		100
67) Ethyl Benzene	10.195	91	472187	50.960	ug/l		97
68) m/p-Xylenes	10.299	106	366072	102.175	ug/l		99
69) o-Xylene	10.640	106	180437	51.601	ug/l		98
70) Styrene	10.653	104	307479	53.995	ug/l		96
71) Bromoform	10.799	173	82341	50.533	ug/l	#	100
73) Isopropylbenzene	10.963	105	474610	50.236	ug/l		98
74) N-amyl acetate	10.842	43	195451	48.445	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	178008	51.347	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	159876m	49.920	ug/l		
77) Bromobenzene	11.195	156	121564	52.703	ug/l		87
78) n-propylbenzene	11.305	91	575137	49.787	ug/l		100
79) 2-Chlorotoluene	11.366	91	332980	48.603	ug/l		95
80) 1,3,5-Trimethylbenzene	11.451	105	416212	51.064	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	46542	43.044	ug/l		91
82) 4-Chlorotoluene	11.457	91	390628	48.184	ug/l		95
83) tert-Butylbenzene	11.713	119	415466	52.165	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	414786	51.039	ug/l		98
85) sec-Butylbenzene	11.890	105	527153	51.096	ug/l		100
86) p-Isopropyltoluene	12.006	119	439450	51.627	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	235710	50.878	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	237333	50.178	ug/l		98
89) n-Butylbenzene	12.335	91	412247	48.630	ug/l		96
90) Hexachloroethane	12.536	117	76031	53.873	ug/l		92
91) 1,2-Dichlorobenzene	12.335	146	231477	51.980	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41329	49.308	ug/l		79
93) 1,2,4-Trichlorobenzene	13.585	180	161777	54.163	ug/l		97
94) Hexachlorobutadiene	13.725	225	62759	52.205	ug/l		99
95) Naphthalene	13.774	128	520883	50.077	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	149295	51.622	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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