

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019541.D
 Acq On : 23 Nov 2020 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 1:09:54 PM

Quant Time: Nov 24 03:49:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	476445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	174073	46.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.82%
35) Dibromofluoromethane	5.46	113	144545	48.33	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.66%
50) Toluene-d8	8.70	98	538206	46.31	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.62%
62) 4-Bromofluorobenzene	11.12	95	207442	49.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.22%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148376	52.744	ug/l	99
3) Chloromethane	1.31	50	144190	44.666	ug/l	99
4) Vinyl Chloride	1.39	62	172785	49.722	ug/l	100
5) Bromomethane	1.62	94	54113	41.112	ug/l	99
6) Chloroethane	1.68	64	34566	39.983	ug/l	96
7) Trichlorofluoromethane	1.89	101	258337	51.507	ug/l	99
8) Diethyl Ether	2.17	74	105163	52.354	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.35	101	146021	52.185	ug/l	98
10) Methyl Iodide	2.48	142	171985	46.786	ug/l	99
11) Tert butyl alcohol	3.06	59	198016	278.957	ug/l	98
12) 1,1-Dichloroethene	2.34	96	145962	50.823	ug/l	97
13) Acrolein	2.28	56	102994	215.851	ug/l	99
14) Allyl chloride	2.70	41	232999	51.787	ug/l	98
15) Acrylonitrile	3.12	53	437289	261.215	ug/l	99
16) Acetone	2.43	43	409687	282.444	ug/l	99
17) Carbon Disulfide	2.53	76	387405	50.211	ug/l	100
18) Methyl Acetate	2.75	43	183856	51.674	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	549121	55.391	ug/l	99
20) Methylene Chloride	2.82	84	175019	48.276	ug/l	99
21) trans-1,2-Dichloroethene	3.13	96	170329	52.345	ug/l	96
22) Diisopropyl ether	3.83	45	482304	51.819	ug/l	91
23) Vinyl Acetate	3.78	43	2114853	270.893	ug/l	99
24) 1,1-Dichloroethane	3.66	63	294709	51.767	ug/l	100
25) 2-Butanone	4.64	43	593967	272.595	ug/l	98
26) 2,2-Dichloropropane	4.54	77	274743	55.290	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	198969	53.232	ug/l	98
28) Bromochloromethane	4.97	49	123306	45.303	ug/l	97
29) Tetrahydrofuran	5.09	42	356303	256.284	ug/l	98
30) Chloroform	5.17	83	310230	52.115	ug/l	98
31) Cyclohexane	5.54	56	246318	50.492	ug/l	96
32) 1,1,1-Trichloroethane	5.45	97	276066	53.988	ug/l	99
36) 1,1-Dichloropropene	5.76	75	230850	51.683	ug/l	99
37) Ethyl Acetate	4.80	43	221138	52.736	ug/l	99
38) Carbon Tetrachloride	5.74	117	236809	54.773	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	266576	51.257	ug/l	98
40) Benzene	6.10	78	698407	50.890	ug/l	100
41) Methacrylonitrile	5.01	41	118370	51.190	ug/l	98
42) 1,2-Dichloroethane	6.15	62	242541	51.561	ug/l	99
43) Isopropyl Acetate	6.42	43	371031	52.636	ug/l	99
44) Trichloroethene	7.18	130	188666	52.483	ug/l	97
45) 1,2-Dichloropropane	7.49	63	172308	51.000	ug/l	99
46) Dibromomethane	7.63	93	121714	52.636	ug/l	99
47) Bromodichloromethane	7.87	83	240568	53.614	ug/l	98
48) Methyl methacrylate	7.74	41	180949	54.813	ug/l	100
49) 1,4-Dioxane	7.72	88	87871	1172.320	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1111252	270.348	ug/l	99
52) Toluene	8.76	92	436746	52.021	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	273390	56.416	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	297433	55.307	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	177764	51.990	ug/l	98
56) Ethyl methacrylate	9.16	69	279778	57.827	ug/l	99
57) 1,3-Dichloropropane	9.35	76	297281	51.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	745323	262.903	ug/l	98
59) 2-Hexanone	9.48	43	886484	284.362	ug/l	99
60) Dibromochloromethane	9.56	129	190614	56.915	ug/l	98
61) 1,2-Dibromoethane	9.65	107	187989	53.338	ug/l	99
64) Tetrachloroethene	9.32	164	156212	47.325	ug/l	96
65) Chlorobenzene	10.12	112	459148	53.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	174731	55.639	ug/l	99
67) Ethyl Benzene	10.23	91	818837	54.138	ug/l	97
68) m/p-Xylenes	10.34	106	625324	110.971	ug/l	99
69) o-Xylene	10.68	106	300657	55.815	ug/l	100
70) Styrene	10.70	104	517805	51.867	ug/l	99
71) Bromoform	10.84	173	142779	53.405	ug/l	99
73) Isopropylbenzene	11.00	105	792943	53.277	ug/l	99
74) N-amyl acetate	10.88	43	330320	59.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	287608	54.037	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	254283m	54.158	ug/l	
77) Bromobenzene	11.24	156	202353	53.258	ug/l	99
78) n-propylbenzene	11.34	91	902412	52.853	ug/l	99
79) 2-Chlorotoluene	11.40	91	554125	53.514	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	676253	54.164	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	98442	56.068	ug/l	98
82) 4-Chlorotoluene	11.49	91	650941	53.401	ug/l	100
83) tert-Butylbenzene	11.76	119	661032	54.726	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	686391	54.334	ug/l	99
85) sec-Butylbenzene	11.93	105	757790	52.735	ug/l	100
86) p-Isopropyltoluene	12.05	119	706704	54.167	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	368744	52.846	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	379478	52.797	ug/l	100
89) n-Butylbenzene	12.37	91	625611	53.041	ug/l	98
90) Hexachloroethane	12.58	117	118787	54.411	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	369085	52.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63844	58.798	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	242666	53.933	ug/l	99
94) Hexachlorobutadiene	13.76	225	101678	49.607	ug/l	98
95) Naphthalene	13.82	128	843678	53.026	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	250581	55.678	ug/l	98

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

