

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX113020\
 Data File : VX019669.D
 Acq On : 30 Nov 2020 09:55
 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
 12/1/2020 9:35:52 AM

Quant Time: Dec 01 02:48:21 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	5.62	168	298813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	490444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	426584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182632	47.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.28%
35) Dibromofluoromethane	5.46	113	151935	49.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.70%
50) Toluene-d8	8.69	98	568558	47.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.06%
62) 4-Bromofluorobenzene	11.12	95	208793	48.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	141108	48.561	ug/l 98
3) Chloromethane	1.31	50	145977	43.778	ug/l 100
4) Vinyl Chloride	1.39	62	168304	46.888	ug/l 100
5) Bromomethane	1.62	94	59333	43.640	ug/l 99
6) Chloroethane	1.69	64	74779	88.801	ug/l 97
7) Trichlorofluoromethane	1.90	101	247805	47.832	ug/l 100
8) Diethyl Ether	2.17	74	102606	49.452	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	142886	49.436	ug/l 99
10) Methyl Iodide	2.48	142	190656	50.211	ug/l 99
11) Tert butyl alcohol	3.04	59	182856	249.386	ug/l 100
12) 1,1-Dichloroethene	2.35	96	140308	47.296	ug/l 100
13) Acrolein	2.27	56	83796	170.016	ug/l 97
14) Allyl chloride	2.70	41	233769	50.301	ug/l 100
15) Acrylonitrile	3.12	53	432044	249.852	ug/l 99
16) Acetone	2.42	43	486538	324.730	ug/l 99
17) Carbon Disulfide	2.54	76	376176	47.200	ug/l 99
18) Methyl Acetate	2.75	43	187204	50.947	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	530706	51.826	ug/l 100
20) Methylene Chloride	2.83	84	173494	46.329	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	165905	49.360	ug/l 98
22) Diisopropyl ether	3.82	45	487339	50.690	ug/l 93
23) Vinyl Acetate	3.78	43	2087160	258.820	ug/l 99
24) 1,1-Dichloroethane	3.67	63	292110	49.675	ug/l 99
25) 2-Butanone	4.64	43	616154	273.760	ug/l 100
26) 2,2-Dichloropropane	4.54	77	265618	51.749	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	192644	49.896	ug/l 99
28) Bromochloromethane	4.97	49	126729	45.076	ug/l 100
29) Tetrahydrofuran	5.09	42	346988	241.625	ug/l 100
30) Chloroform	5.17	83	303801	49.407	ug/l 97
31) Cyclohexane	5.54	56	244452	48.511	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	268028	50.745	ug/l 99
36) 1,1-Dichloropropene	5.76	75	222759	48.448	ug/l 99
37) Ethyl Acetate	4.79	43	215845	50.005	ug/l 99
38) Carbon Tetrachloride	5.74	117	229747	51.623	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	265874	49.663	ug/l	100
40) Benzene	6.10	78	681902	48.269	ug/l	100
41) Methacrylonitrile	4.99	41	118341	49.716	ug/l	100
42) 1,2-Dichloroethane	6.15	62	235340	48.602	ug/l	100
43) Isopropyl Acetate	6.41	43	354005	48.788	ug/l	100
44) Trichloroethene	7.18	130	181254	48.982	ug/l	100
45) 1,2-Dichloropropane	7.49	63	170985	49.164	ug/l	99
46) Dibromomethane	7.63	93	116230	48.830	ug/l	100
47) Bromodichloromethane	7.87	83	235760	51.042	ug/l	96
48) Methyl methacrylate	7.74	41	172182	50.669	ug/l	99
49) 1,4-Dioxane	7.71	88	77201	1000.568	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1048067	247.699	ug/l	99
52) Toluene	8.76	92	423311	48.981	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	262456	52.614	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	286291	51.716	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	171447	48.711	ug/l	97
56) Ethyl methacrylate	9.16	69	256996	51.602	ug/l	99
57) 1,3-Dichloropropane	9.35	76	286345	48.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	693534	237.652	ug/l	98
59) 2-Hexanone	9.47	43	850231	264.948	ug/l	100
60) Dibromochloromethane	9.56	129	181514	52.651	ug/l	99
61) 1,2-Dibromoethane	9.65	107	177849	49.021	ug/l	98
64) Tetrachloroethene	9.32	164	153829	45.876	ug/l	98
65) Chlorobenzene	10.12	112	436486	49.767	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	168198	52.723	ug/l	98
67) Ethyl Benzene	10.23	91	793754	51.661	ug/l	97
68) m/p-Xylenes	10.34	106	595542	104.036	ug/l	100
69) o-Xylene	10.68	106	282034	51.540	ug/l	98
70) Styrene	10.70	104	490134	48.441	ug/l	100
71) Bromoform	10.84	173	132847	49.218	ug/l #	99
73) Isopropylbenzene	11.00	105	766658	50.736	ug/l	99
74) N-amyl acetate	10.88	43	298373	52.695	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	259649	48.050	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	238678m	50.069	ug/l	
77) Bromobenzene	11.24	156	191093	49.538	ug/l	99
78) n-propylbenzene	11.34	91	877448	50.618	ug/l	99
79) 2-Chlorotoluene	11.40	91	530477	50.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	653052	51.519	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	90029	50.924	ug/l	97
82) 4-Chlorotoluene	11.49	91	613527	49.574	ug/l	100
83) tert-Butylbenzene	11.76	119	638681	52.080	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	664361	51.799	ug/l	99
85) sec-Butylbenzene	11.93	105	746388	51.160	ug/l	100
86) p-Isopropyltoluene	12.05	119	688689	51.992	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	343925	48.547	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	358046	49.066	ug/l	99
89) n-Butylbenzene	12.37	91	612127	51.117	ug/l	98
90) Hexachloroethane	12.58	117	117507	53.014	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	342423	48.125	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56537	51.285	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	229694	50.282	ug/l	98
94) Hexachlorobutadiene	13.76	225	98655	47.408	ug/l	99
95) Naphthalene	13.82	128	765335	47.611	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	232529	50.890	ug/l	98

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

