

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019491.D
 Acq On : 20 Nov 2020 10:54
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:34 PM

Quant Time: Nov 21 01:50:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	260073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199925	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	161799	47.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.96%
35) Dibromofluoromethane	5.46	113	131718	49.19	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.38%
50) Toluene-d8	8.70	98	518087	49.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.58%
62) 4-Bromofluorobenzene	11.12	95	188584	50.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.74%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	131495	51.993	ug/l 100
3) Chloromethane	1.31	50	147053	50.670	ug/l 100
4) Vinyl Chloride	1.39	62	158436	50.714	ug/l 100
5) Bromomethane	1.62	94	59489	50.273	ug/l 100
6) Chloroethane	1.69	64	41666	48.204	ug/l 100
7) Trichlorofluoromethane	1.90	101	222589	49.364	ug/l 100
8) Diethyl Ether	2.17	74	91028	50.407	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127295	50.602	ug/l 100
10) Methyl Iodide	2.48	142	174278	52.735	ug/l 100
11) Tert butyl alcohol	3.04	59	157872	247.384	ug/l 100
12) 1,1-Dichloroethene	2.34	96	127327	49.314	ug/l 100
13) Acrolein	2.28	56	103854	242.100	ug/l 100
14) Allyl chloride	2.70	41	197066	48.720	ug/l 100
15) Acrylonitrile	3.12	53	384750	255.645	ug/l 100
16) Acetone	2.43	43	320641	245.883	ug/l 100
17) Carbon Disulfide	2.54	76	338127	48.746	ug/l 100
18) Methyl Acetate	2.75	43	158458	47.107	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	450731	50.573	ug/l 100
20) Methylene Chloride	2.83	84	155537	47.721	ug/l 100
21) trans-1,2-Dichloroethene	3.14	96	144468	49.384	ug/l 100
22) Diisopropyl ether	3.82	45	426282	50.944	ug/l 100
23) Vinyl Acetate	3.78	43	1830964	260.872	ug/l 100
24) 1,1-Dichloroethane	3.67	63	255169	49.856	ug/l 100
25) 2-Butanone	4.64	43	501282	255.898	ug/l 100
26) 2,2-Dichloropropane	4.54	77	222610	49.831	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	168787	50.229	ug/l 100
28) Bromochloromethane	4.98	49	110623	45.208	ug/l 100
29) Tetrahydrofuran	5.09	42	313570	250.880	ug/l 100
30) Chloroform	5.18	83	271939	50.813	ug/l 100
31) Cyclohexane	5.54	56	219708	50.095	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	232911	50.665	ug/l 100
36) 1,1-Dichloropropene	5.76	75	199440	49.870	ug/l 100
37) Ethyl Acetate	4.79	43	192611	51.302	ug/l 100
38) Carbon Tetrachloride	5.75	117	198437	51.263	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	237419	50.986	ug/l	100
40) Benzene	6.11	78	617878	50.285	ug/l	100
41) Methacrylonitrile	5.01	41	105696	51.052	ug/l	100
42) 1,2-Dichloroethane	6.16	62	212437	50.440	ug/l	100
43) Isopropyl Acetate	6.42	43	316584	50.162	ug/l	100
44) Trichloroethene	7.18	130	160757	49.946	ug/l	100
45) 1,2-Dichloropropane	7.49	63	154672	51.131	ug/l	100
46) Dibromomethane	7.63	93	105864	51.133	ug/l	100
47) Bromodichloromethane	7.87	83	212043	52.780	ug/l	100
48) Methyl methacrylate	7.74	41	156650	52.999	ug/l	100
49) 1,4-Dioxane	7.72	88	68313	1017.916	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	966327	262.569	ug/l	100
52) Toluene	8.76	92	390890	52.001	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	235821	54.351	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	255909	53.148	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	160315	52.367	ug/l	100
56) Ethyl methacrylate	9.16	69	233434	53.887	ug/l	100
57) 1,3-Dichloropropane	9.35	76	267716	52.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	641888	252.882	ug/l	100
59) 2-Hexanone	9.48	43	739345	264.884	ug/l	100
60) Dibromochloromethane	9.57	129	162168	54.081	ug/l	100
61) 1,2-Dibromoethane	9.65	107	167571	53.102	ug/l	100
64) Tetrachloroethene	9.32	164	151224	48.389	ug/l	100
65) Chlorobenzene	10.12	112	415080	50.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	152313	51.227	ug/l	100
67) Ethyl Benzene	10.23	91	747693	52.213	ug/l	100
68) m/p-Xylenes	10.34	106	561653	105.275	ug/l	100
69) o-Xylene	10.68	106	268490	52.645	ug/l	100
70) Styrene	10.70	104	458896	54.206	ug/l	100
71) Bromoform	10.84	173	113239	52.084	ug/l	# 100
73) Isopropylbenzene	11.00	105	719325	52.010	ug/l	100
74) N-amyl acetate	10.88	43	269381	51.979	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	242604	49.052	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	218663m	50.117	ug/l	
77) Bromobenzene	11.24	156	175799	49.792	ug/l	100
78) n-propylbenzene	11.34	91	828308	52.206	ug/l	100
79) 2-Chlorotoluene	11.40	91	492259	51.159	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	614723	52.984	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	76564	51.620	ug/l	100
82) 4-Chlorotoluene	11.49	91	582594	51.433	ug/l	100
83) tert-Butylbenzene	11.76	119	583497	51.985	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	625689	53.300	ug/l	100
85) sec-Butylbenzene	11.93	105	706690	52.923	ug/l	100
86) p-Isopropyltoluene	12.05	119	643917	53.112	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	327693	50.538	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	329151	49.282	ug/l	100
89) n-Butylbenzene	12.37	91	584694	53.346	ug/l	100
90) Hexachloroethane	12.58	117	105491	51.999	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	324108	49.768	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51468	51.009	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	214048	51.195	ug/l	100
94) Hexachlorobutadiene	13.76	225	92174	48.394	ug/l	100
95) Naphthalene	13.82	128	710567	54.897	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216130	51.679	ug/l	100

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

