

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019645.D
 Acq On : 25 Nov 2020 07:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:55:08 AM

Quant Time: Nov 25 07:55:37 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	260697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	448801	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172728	51.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.20%
35) Dibromofluoromethane	5.46	113	140175	49.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.52%
50) Toluene-d8	8.70	98	541602	49.47	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.94%
62) 4-Bromofluorobenzene	11.12	95	204992	52.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126070	49.729	ug/l	99
3) Chloromethane	1.31	50	142296	48.913	ug/l	100
4) Vinyl Chloride	1.39	62	154214	49.244	ug/l	99
5) Bromomethane	1.62	94	58832	49.599	ug/l	100
6) Chloroethane	1.70	64	63702	86.598	ug/l	98
7) Trichlorofluoromethane	1.90	101	219051	48.463	ug/l	99
8) Diethyl Ether	2.17	74	90863	50.195	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121053	48.006	ug/l	98
10) Methyl Iodide	2.48	142	173395	52.342	ug/l	99
11) Tert butyl alcohol	3.04	59	188564	294.771	ug/l	100
12) 1,1-Dichloroethene	2.35	96	125216	48.380	ug/l	99
13) Acrolein	2.28	56	87402	203.260	ug/l	100
14) Allyl chloride	2.70	41	198644	48.993	ug/l	100
15) Acrylonitrile	3.12	53	405449	268.753	ug/l	100
16) Acetone	2.42	43	321691	246.098	ug/l	99
17) Carbon Disulfide	2.54	76	321272	46.205	ug/l	100
18) Methyl Acetate	2.75	43	171281	53.398	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	478985	53.614	ug/l	99
20) Methylene Chloride	2.83	84	160967	49.268	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	148033	50.482	ug/l	97
22) Diisopropyl ether	3.82	45	435597	51.933	ug/l	99
23) Vinyl Acetate	3.78	43	1882130	267.520	ug/l	100
24) 1,1-Dichloroethane	3.67	63	264921	51.638	ug/l	99
25) 2-Butanone	4.64	43	521044	265.349	ug/l	99
26) 2,2-Dichloropropane	4.55	77	166004	37.071	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	174704	51.866	ug/l	98
28) Bromochloromethane	4.98	49	115584	47.123	ug/l	99
29) Tetrahydrofuran	5.09	42	328383	262.103	ug/l	100
30) Chloroform	5.18	83	275406	51.338	ug/l	97
31) Cyclohexane	5.54	56	217242	49.415	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	237754	51.594	ug/l	99
36) 1,1-Dichloropropene	5.76	75	202743	48.186	ug/l	99
37) Ethyl Acetate	4.80	43	201681	51.059	ug/l	99
38) Carbon Tetrachloride	5.75	117	201095	49.378	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	227521	46.442	ug/l	99
40) Benzene	6.11	78	625012	48.347	ug/l	99
41) Methacrylonitrile	5.00	41	112194	51.507	ug/l	98
42) 1,2-Dichloroethane	6.16	62	217557	49.099	ug/l	100
43) Isopropyl Acetate	6.41	43	334991	50.451	ug/l	100
44) Trichloroethene	7.18	130	165509	48.877	ug/l	99
45) 1,2-Dichloropropane	7.49	63	158663	49.854	ug/l	97
46) Dibromomethane	7.63	93	108689	49.898	ug/l	99
47) Bromodichloromethane	7.87	83	217965	51.568	ug/l	100
48) Methyl methacrylate	7.74	41	166046	53.397	ug/l	100
49) 1,4-Dioxane	7.72	88	82059	1162.213	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1032501	266.662	ug/l	100
52) Toluene	8.76	92	397919	50.316	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	229635	50.306	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	252637	49.871	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	162954	50.594	ug/l	96
56) Ethyl methacrylate	9.16	69	250042	54.864	ug/l	100
57) 1,3-Dichloropropane	9.35	76	278006	51.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	660203	247.222	ug/l	99
59) 2-Hexanone	9.48	43	772593	263.093	ug/l	99
60) Dibromochloromethane	9.56	129	168693	53.472	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171314	51.601	ug/l	99
64) Tetrachloroethene	9.32	164	140597	43.317	ug/l	98
65) Chlorobenzene	10.12	112	427596	50.366	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	159647	51.698	ug/l	99
67) Ethyl Benzene	10.23	91	752190	50.575	ug/l	99
68) m/p-Xylenes	10.34	106	576385	104.021	ug/l	99
69) o-Xylene	10.68	106	275414	51.996	ug/l	99
70) Styrene	10.70	104	473872	48.386	ug/l	99
71) Bromoform	10.84	173	121217	46.602	ug/l #	98
73) Isopropylbenzene	11.00	105	732981	53.088	ug/l	99
74) N-amyl acetate	10.88	43	289896	56.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	253537	51.350	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	223630m	51.343	ug/l	
77) Bromobenzene	11.24	156	185377	52.594	ug/l	98
78) n-propylbenzene	11.34	91	827015	52.214	ug/l	99
79) 2-Chlorotoluene	11.40	91	507846	52.868	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	616853	53.258	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	71488	44.810	ug/l	99
82) 4-Chlorotoluene	11.49	91	591383	52.298	ug/l	100
83) tert-Butylbenzene	11.76	119	604661	53.962	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	621951	53.072	ug/l	99
85) sec-Butylbenzene	11.93	105	688021	51.613	ug/l	100
86) p-Isopropyltoluene	12.05	119	621735	51.370	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	330652	51.082	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	327691	49.147	ug/l	98
89) n-Butylbenzene	12.37	91	530889	48.519	ug/l	99
90) Hexachloroethane	12.58	117	106027	52.353	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	331598	51.005	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53685	53.297	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	209600	50.216	ug/l	97
94) Hexachlorobutadiene	13.76	225	82383	43.327	ug/l	98
95) Naphthalene	13.82	128	726259	49.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	212579	50.917	ug/l	100

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

