

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121020\
 Data File : VX019863.D
 Acq On : 11 Dec 2020 06:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:36:35 PM

Quant Time: Dec 11 07:24:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	456274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	417008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175262	48.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.60%
35) Dibromofluoromethane	5.46	113	142475	48.32	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.64%
50) Toluene-d8	8.70	98	555516	49.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.68%
62) 4-Bromofluorobenzene	11.12	95	211234	49.30	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	121779	48.681	ug/l	99
3) Chloromethane	1.31	50	135999	46.227	ug/l	99
4) Vinyl Chloride	1.39	62	158260	51.018	ug/l	99
5) Bromomethane	1.62	94	44335	43.043	ug/l	99
6) Chloroethane	1.70	64	101737	54.596	ug/l	99
7) Trichlorofluoromethane	1.91	101	224008	51.852	ug/l	98
8) Diethyl Ether	2.17	74	95207	52.005	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133548	53.932	ug/l	99
10) Methyl Iodide	2.49	142	165822	45.432	ug/l	100
11) Tert butyl alcohol	3.01	59	187185	253.581	ug/l	100
12) 1,1-Dichloroethene	2.36	96	134638	53.782	ug/l	99
13) Acrolein	2.27	56	85013	214.469	ug/l	99
14) Allyl chloride	2.70	41	213280	50.444	ug/l	98
15) Acrylonitrile	3.11	53	437597	269.550	ug/l	99
16) Acetone	2.42	43	349687	259.065	ug/l	100
17) Carbon Disulfide	2.55	76	320204	44.577	ug/l	100
18) Methyl Acetate	2.75	43	188344	57.020	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	497644	54.584	ug/l	100
20) Methylene Chloride	2.83	84	160715	52.217	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	150046	51.410	ug/l	96
22) Diisopropyl ether	3.82	45	473572	55.398	ug/l	93
23) Vinyl Acetate	3.78	43	1996332	274.111	ug/l	100
24) 1,1-Dichloroethane	3.67	63	274261	53.203	ug/l	100
25) 2-Butanone	4.63	43	559712	269.856	ug/l	99
26) 2,2-Dichloropropane	4.55	77	173346	39.048	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	177496	51.967	ug/l	97
28) Bromochloromethane	4.98	49	121855	49.586	ug/l	100
29) Tetrahydrofuran	5.09	42	362283	271.104	ug/l	99
30) Chloroform	5.17	83	284822	53.735	ug/l	98
31) Cyclohexane	5.54	56	237419	53.149	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	243148	53.267	ug/l	100
36) 1,1-Dichloropropene	5.77	75	207145	50.241	ug/l	99
37) Ethyl Acetate	4.79	43	217363	52.214	ug/l	100
38) Carbon Tetrachloride	5.76	117	204435	50.634	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	244780	50.532	ug/l	97
40) Benzene	6.11	78	644081	51.139	ug/l	100
41) Methacrylonitrile	5.00	41	117677	51.486	ug/l	99
42) 1,2-Dichloroethane	6.16	62	221627	51.503	ug/l	99
43) Isopropyl Acetate	6.41	43	350514	51.790	ug/l	100
44) Trichloroethene	7.18	130	167555	50.704	ug/l	100
45) 1,2-Dichloropropane	7.49	63	165373	52.537	ug/l	99
46) Dibromomethane	7.63	93	110691	52.072	ug/l	100
47) Bromodichloromethane	7.87	83	217188	51.489	ug/l	99
48) Methyl methacrylate	7.74	41	176137	52.916	ug/l	99
49) 1,4-Dioxane	7.71	88	76855	953.134	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1109674	268.550	ug/l	100
52) Toluene	8.76	92	417898	53.052	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	231714	49.503	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	254954	50.136	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	167116	52.645	ug/l	99
56) Ethyl methacrylate	9.16	69	261444	54.436	ug/l	99
57) 1,3-Dichloropropane	9.35	76	284534	52.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	691138	271.640	ug/l	100
59) 2-Hexanone	9.47	43	846134	264.175	ug/l	99
60) Dibromochloromethane	9.56	129	169121	52.438	ug/l	99
61) 1,2-Dibromoethane	9.65	107	173372	51.433	ug/l	99
64) Tetrachloroethene	9.32	164	153932	55.044	ug/l	98
65) Chlorobenzene	10.12	112	428027	51.520	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	160606	53.710	ug/l	99
67) Ethyl Benzene	10.23	91	784228	53.179	ug/l	100
68) m/p-Xylenes	10.34	106	590949	106.345	ug/l	98
69) o-Xylene	10.68	106	289307	54.122	ug/l	99
70) Styrene	10.69	104	485090	53.765	ug/l	99
71) Bromoform	10.84	173	124299	52.840	ug/l	100
73) Isopropylbenzene	11.00	105	763064	52.787	ug/l	100
74) N-amyl acetate	10.88	43	307261	53.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	264082	51.817	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	245388m	51.709	ug/l	
77) Bromobenzene	11.24	156	186198	50.333	ug/l	98
78) n-propylbenzene	11.34	91	867888	52.566	ug/l	99
79) 2-Chlorotoluene	11.40	91	526386	51.772	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	642870	52.694	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	77171	47.010	ug/l	98
82) 4-Chlorotoluene	11.49	91	616286	51.754	ug/l	99
83) tert-Butylbenzene	11.76	119	625258	52.256	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	669400	54.470	ug/l	100
85) sec-Butylbenzene	11.93	105	734526	53.768	ug/l	100
86) p-Isopropyltoluene	12.05	119	668063	53.360	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	342123	50.389	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	343157	49.622	ug/l	100
89) n-Butylbenzene	12.37	91	586047	52.834	ug/l	100
90) Hexachloroethane	12.58	117	112951	52.255	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	338773	51.184	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57845	52.797	ug/l	99

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QLast Update : Fri Dec 04 15:32:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	229483	53.263	ug/l	98
94) Hexachlorobutadiene	13.76	225	100018	51.938	ug/l	99
95) Naphthalene	13.82	128	798116	57.138	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	227137	53.943	ug/l	99

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

