

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015115.D
 Acq On : 05 Mar 2020 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/6/2020 4:49:23 PM

Quant Time: Mar 06 04:01:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	364110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	561501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	530669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	287153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	214990	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	5.49	113	176881	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	8.71	98	681465	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.13	95	246434	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	152958	47.973	ug/l	98
3) Chloromethane	1.32	50	208660	46.200	ug/l	100
4) Vinyl Chloride	1.40	62	223466	48.795	ug/l	98
5) Bromomethane	1.64	94	113412	40.281	ug/l	99
6) Chloroethane	1.72	64	146059	53.167	ug/l	99
7) Trichlorofluoromethane	1.92	101	267631	49.113	ug/l	96
8) Diethyl Ether	2.18	74	120440	48.797	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	169373	49.402	ug/l	99
10) Methyl Iodide	2.50	142	112507	29.046	ug/l	99
11) Tert butyl alcohol	3.03	59	158922	212.047	ug/l	100
12) 1,1-Dichloroethene	2.37	96	170217	48.107	ug/l	96
13) Acrolein	2.28	56	137635	195.415	ug/l	99
14) Allyl chloride	2.72	41	298356	48.359	ug/l	99
15) Acrylonitrile	3.13	53	469651	251.625	ug/l	100
16) Acetone	2.43	43	386617	221.000	ug/l	99
17) Carbon Disulfide	2.56	76	462929	47.111	ug/l	100
18) Methyl Acetate	2.76	43	196388	45.911	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	563434	50.958	ug/l	98
20) Methylene Chloride	2.85	84	192536	47.028	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	184410	48.810	ug/l	98
22) Diisopropyl ether	3.84	45	625127	50.857	ug/l	98
23) Vinyl Acetate	3.80	43	2647949	262.067	ug/l	100
24) 1,1-Dichloroethane	3.69	63	337035	49.403	ug/l	99
25) 2-Butanone	4.65	43	621925	242.834	ug/l	99
26) 2,2-Dichloropropane	4.58	77	258825	47.791	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	210801	49.734	ug/l	100
28) Bromochloromethane	5.01	49	159085	51.210	ug/l	96
29) Tetrahydrofuran	5.11	42	409746	248.192	ug/l	99
30) Chloroform	5.20	83	333312	50.128	ug/l	98
31) Cyclohexane	5.58	56	304202	49.991	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	279382	50.687	ug/l	99
36) 1,1-Dichloropropene	5.79	75	250662	48.289	ug/l	99
37) Ethyl Acetate	4.82	43	254735	52.904	ug/l	99
38) Carbon Tetrachloride	5.78	117	242360	49.464	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	301275	49.705	ug/l	100
40) Benzene	6.14	78	763558	49.580	ug/l	99
41) Methacrylonitrile	5.03	41	143013	49.448	ug/l	98
42) 1,2-Dichloroethane	6.19	62	270578	51.161	ug/l	98
43) Isopropyl Acetate	6.44	43	424852	50.156	ug/l	100
44) Trichloroethene	7.21	130	208275	48.561	ug/l	99
45) 1,2-Dichloropropane	7.51	63	198700	49.846	ug/l	100
46) Dibromomethane	7.65	93	129317	49.787	ug/l	99
47) Bromodichloromethane	7.89	83	262503	51.107	ug/l	99
48) Methyl methacrylate	7.76	41	213520	49.526	ug/l	98
49) 1,4-Dioxane	7.73	88	74287	796.953	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1296723	258.914	ug/l	100
52) Toluene	8.78	92	482106	51.198	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	285943	52.303	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	317195	51.321	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	193552	49.939	ug/l	97
56) Ethyl methacrylate	9.17	69	296707	53.671	ug/l	100
57) 1,3-Dichloropropane	9.37	76	327811	50.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	781691	259.554	ug/l	100
59) 2-Hexanone	9.48	43	965000	259.962	ug/l	100
60) Dibromochloromethane	9.58	129	212472	52.187	ug/l	98
61) 1,2-Dibromoethane	9.67	107	203890	50.085	ug/l	99
64) Tetrachloroethene	9.33	164	204608	46.633	ug/l	98
65) Chlorobenzene	10.14	112	527186	49.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	192265	47.859	ug/l	99
67) Ethyl Benzene	10.25	91	922196	50.974	ug/l	100
68) m/p-Xylenes	10.36	106	705830	102.544	ug/l	98
69) o-Xylene	10.70	106	338167	51.314	ug/l	100
70) Styrene	10.71	104	588966	52.123	ug/l	100
71) Bromoform	10.85	173	155293	49.849	ug/l #	99
73) Isopropylbenzene	11.01	105	907988	49.499	ug/l	100
74) N-amyl acetate	10.89	43	382018	49.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	287392	47.011	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	233512m	40.768	ug/l	
77) Bromobenzene	11.25	156	238742	46.701	ug/l	99
78) n-propylbenzene	11.35	91	1048005	50.008	ug/l	100
79) 2-Chlorotoluene	11.42	91	608540	48.624	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	757233	49.589	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	92511	45.837	ug/l	98
82) 4-Chlorotoluene	11.51	91	715359	48.381	ug/l	100
83) tert-Butylbenzene	11.76	119	738311	50.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	765325	49.889	ug/l	100
85) sec-Butylbenzene	11.94	105	881596	49.461	ug/l	100
86) p-Isopropyltoluene	12.06	119	819244	49.888	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	421819	46.937	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	433673	46.741	ug/l	99
89) n-Butylbenzene	12.39	91	731708	50.098	ug/l	100
90) Hexachloroethane	12.59	117	142790	45.993	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	423509	47.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	59102	48.280	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	304462	49.091	ug/l	99
94) Hexachlorobutadiene	13.78	225	143848	45.199	ug/l	99
95) Naphthalene	13.83	128	868049	45.792	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	302802	48.934	ug/l	99

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

