

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051320\
 Data File : VX016217.D
 Acq On : 14 May 2020 06:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:16:06 PM

Quant Time: May 14 08:05:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	251977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	416702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	162760	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
35) Dibromofluoromethane	5.46	113	130191	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	8.70	98	508511	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.12	95	199011	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	138181	51.809	ug/l	99
3) Chloromethane	1.31	50	152074	49.097	ug/l	98
4) Vinyl Chloride	1.39	62	163327	49.424	ug/l	100
5) Bromomethane	1.62	94	73240	43.961	ug/l	99
6) Chloroethane	1.70	64	98499	48.988	ug/l	98
7) Trichlorofluoromethane	1.91	101	212932	49.080	ug/l	99
8) Diethyl Ether	2.17	74	88045	48.165	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121322	48.470	ug/l	99
10) Methyl Iodide	2.49	142	131908	39.233	ug/l	99
11) Tert butyl alcohol	3.02	59	201186	239.944	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126054	48.125	ug/l	98
13) Acrolein	2.27	56	114743	218.689	ug/l	98
14) Allyl chloride	2.71	41	224402	46.724	ug/l	96
15) Acrylonitrile	3.12	53	438560	252.131	ug/l	99
16) Acetone	2.42	43	350382	236.831	ug/l	95
17) Carbon Disulfide	2.55	76	365411	46.440	ug/l	100
18) Methyl Acetate	2.75	43	189344	52.051	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	473780	52.470	ug/l	100
20) Methylene Chloride	2.84	84	150522	49.353	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	143271	49.084	ug/l	98
22) Diisopropyl ether	3.82	45	462192	51.012	ug/l	97
23) Vinyl Acetate	3.79	43	2021487	253.595	ug/l	99
24) 1,1-Dichloroethane	3.67	63	262795	51.849	ug/l	98
25) 2-Butanone	4.64	43	597052	250.440	ug/l	100
26) 2,2-Dichloropropane	4.55	77	160742	34.727	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	164606	51.583	ug/l	94
28) Bromochloromethane	4.98	49	120070	51.953	ug/l	98
29) Tetrahydrofuran	5.09	42	392239	248.308	ug/l	98
30) Chloroform	5.18	83	263244	52.164	ug/l	100
31) Cyclohexane	5.55	56	227913	49.479	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	236194	51.490	ug/l	99
36) 1,1-Dichloropropene	5.77	75	196843	47.989	ug/l	99
37) Ethyl Acetate	4.79	43	227219	47.794	ug/l	100
38) Carbon Tetrachloride	5.76	117	208847	50.092	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	218912	44.316	ug/l	99
40) Benzene	6.12	78	597259	49.764	ug/l	100
41) Methacrylonitrile	5.01	41	123862	48.243	ug/l	98
42) 1,2-Dichloroethane	6.17	62	209520	48.461	ug/l	99
43) Isopropyl Acetate	6.42	43	365496	48.184	ug/l	98
44) Trichloroethene	7.19	130	186839	43.820	ug/l	95
45) 1,2-Dichloropropane	7.49	63	155855	51.321	ug/l	99
46) Dibromomethane	7.64	93	102270	49.555	ug/l	98
47) Bromodichloromethane	7.88	83	216670	51.549	ug/l	100
48) Methyl methacrylate	7.74	41	175840	48.921	ug/l	96
49) 1,4-Dioxane	7.71	88	81137	941.220	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1161331	250.188	ug/l	99
52) Toluene	8.77	92	380939	50.922	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	236338	47.159	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	250669	47.888	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	152472	51.804	ug/l	99
56) Ethyl methacrylate	9.16	69	251249	52.296	ug/l	95
57) 1,3-Dichloropropane	9.35	76	264664	51.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	633078	247.518	ug/l	100
59) 2-Hexanone	9.48	43	897583	246.227	ug/l	98
60) Dibromochloromethane	9.57	129	172247	53.137	ug/l	99
61) 1,2-Dibromoethane	9.65	107	161684	50.715	ug/l	98
64) Tetrachloroethene	9.32	164	216886	44.922	ug/l	98
65) Chlorobenzene	10.12	112	407473	49.481	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	156035	51.265	ug/l	99
67) Ethyl Benzene	10.24	91	724037	49.277	ug/l	100
68) m/p-Xylenes	10.34	106	548449	99.628	ug/l	99
69) o-Xylene	10.68	106	264350	49.957	ug/l	99
70) Styrene	10.70	104	462359	51.504	ug/l	99
71) Bromoform	10.84	173	131541	53.045	ug/l #	99
73) Isopropylbenzene	11.00	105	702182	47.429	ug/l	99
74) N-amyl acetate	10.88	43	316211	45.790	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	181538	60.764	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	221353m	47.923	ug/l	
77) Bromobenzene	11.24	156	182672	47.803	ug/l	99
78) n-propylbenzene	11.35	91	805499	46.768	ug/l	100
79) 2-Chlorotoluene	11.40	91	486608	47.865	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	595700	47.655	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	82268	42.445	ug/l	97
82) 4-Chlorotoluene	11.49	91	575138	47.907	ug/l	100
83) tert-Butylbenzene	11.76	119	520074	48.278	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	610423	48.302	ug/l	99
85) sec-Butylbenzene	11.93	105	662533	45.551	ug/l	99
86) p-Isopropyltoluene	12.05	119	619864	45.901	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	317101	46.215	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	326741	46.918	ug/l	99
89) n-Butylbenzene	12.37	91	521607	42.280	ug/l	99
90) Hexachloroethane	12.58	117	110507	47.648	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	315947	47.821	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55647	45.711	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	215849	44.128	ug/l	98
94) Hexachlorobutadiene	13.77	225	79026	37.650	ug/l	98
95) Naphthalene	13.82	128	755751	47.716	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	220531	46.132	ug/l	98

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

