

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052020\
 Data File : VX016374.D
 Acq On : 20 May 2020 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:15:31 PM

Quant Time: May 21 06:22:10 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	5.64	168	250579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	412573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186117	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	146277	44.36	ug/l	0.00
Spiked Amount			Recovery	=	88.72%	
35) Dibromofluoromethane	5.46	113	122222	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
50) Toluene-d8	8.70	98	464301	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
62) 4-Bromofluorobenzene	11.12	95	181012	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	125243	47.220	ug/l	99
3) Chloromethane	1.31	50	124682	40.478	ug/l	99
4) Vinyl Chloride	1.39	62	152672	46.458	ug/l	100
5) Bromomethane	1.62	94	46714	28.196	ug/l	96
6) Chloroethane	1.70	64	93502	46.762	ug/l	99
7) Trichlorofluoromethane	1.91	101	203983	47.280	ug/l	96
8) Diethyl Ether	2.17	74	87358	48.056	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	112416	45.163	ug/l	98
10) Methyl Iodide	2.49	142	64362	19.250	ug/l	99
11) Tert butyl alcohol	3.02	59	190306	228.234	ug/l	100
12) 1,1-Dichloroethene	2.36	96	121604	46.685	ug/l	94
13) Acrolein	2.27	56	115396	221.160	ug/l	99
14) Allyl chloride	2.70	41	210539	44.083	ug/l	93
15) Acrylonitrile	3.12	53	423442	244.798	ug/l	98
16) Acetone	2.42	43	321772	218.706	ug/l	92
17) Carbon Disulfide	2.55	76	318288	40.651	ug/l	99
18) Methyl Acetate	2.75	43	184611	51.033	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	456708	50.861	ug/l	99
20) Methylene Chloride	2.83	84	141488	46.650	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	136224	46.930	ug/l	96
22) Diisopropyl ether	3.82	45	429090	47.622	ug/l	96
23) Vinyl Acetate	3.79	43	1855345	234.051	ug/l	97
24) 1,1-Dichloroethane	3.67	63	247023	49.009	ug/l	98
25) 2-Butanone	4.64	43	564767	238.220	ug/l	97
26) 2,2-Dichloropropane	4.55	77	198129	43.043	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	161575	50.916	ug/l	94
28) Bromochloromethane	4.98	49	101341	44.094	ug/l	93
29) Tetrahydrofuran	5.09	42	369370	235.135	ug/l	95
30) Chloroform	5.18	83	253808	50.575	ug/l	99
31) Cyclohexane	5.55	56	181793	39.687	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	224887	49.299	ug/l	98
36) 1,1-Dichloropropene	5.77	75	184726	45.485	ug/l	100
37) Ethyl Acetate	4.79	43	211768	44.990	ug/l	98
38) Carbon Tetrachloride	5.76	117	196836	47.684	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	146291	29.911	ug/l	99
40) Benzene	6.12	78	575526	48.433	ug/l	100
41) Methacrylonitrile	5.01	41	114692	45.118	ug/l	95
42) 1,2-Dichloroethane	6.17	62	196660	45.942	ug/l	98
43) Isopropyl Acetate	6.42	43	341684	45.496	ug/l	97
44) Trichloroethene	7.19	130	170391	40.362	ug/l	98
45) 1,2-Dichloropropane	7.49	63	149936	49.866	ug/l	100
46) Dibromomethane	7.64	93	99008	48.454	ug/l	99
47) Bromodichloromethane	7.88	83	208059	49.996	ug/l	99
48) Methyl methacrylate	7.74	41	162479	45.657	ug/l	92
49) 1,4-Dioxane	7.71	88	76178	892.538	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1072251	233.309	ug/l	95
52) Toluene	8.77	92	369271	49.856	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	237173	47.800	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	252707	48.760	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	150790	51.745	ug/l	99
56) Ethyl methacrylate	9.16	69	242804	51.044	ug/l	92
57) 1,3-Dichloropropane	9.35	76	255269	50.202	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	554114	218.813	ug/l	98
59) 2-Hexanone	9.48	43	839350	232.557	ug/l	95
60) Dibromochloromethane	9.57	129	170484	53.119	ug/l	99
61) 1,2-Dibromoethane	9.65	107	158583	50.240	ug/l	98
64) Tetrachloroethene	9.32	164	175725	37.274	ug/l	97
65) Chlorobenzene	10.12	112	398325	49.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	153496	51.646	ug/l	99
67) Ethyl Benzene	10.24	91	680562	47.435	ug/l	99
68) m/p-Xylenes	10.34	106	515200	95.844	ug/l	98
69) o-Xylene	10.68	106	251539	48.682	ug/l	98
70) Styrene	10.70	104	449523	51.281	ug/l	99
71) Bromoform	10.84	173	129762	53.589	ug/l #	99
73) Isopropylbenzene	11.00	105	615311	45.454	ug/l	99
74) N-amyl acetate	10.88	43	293354	46.459	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	197085	70.526	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	213499m	50.551	ug/l	
77) Bromobenzene	11.24	156	170114	48.686	ug/l	100
78) n-propylbenzene	11.35	91	677246	43.004	ug/l	99
79) 2-Chlorotoluene	11.40	91	440962	47.437	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	491032	42.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85731	48.374	ug/l	95
82) 4-Chlorotoluene	11.49	91	516860	47.085	ug/l	99
83) tert-Butylbenzene	11.76	119	422392	42.882	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	514553	44.529	ug/l	99
85) sec-Butylbenzene	11.93	105	466923	35.108	ug/l	100
86) p-Isopropyltoluene	12.05	119	443911	35.950	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	289999	46.223	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	298676	46.904	ug/l	99
89) n-Butylbenzene	12.37	91	352427	31.242	ug/l	100
90) Hexachloroethane	12.58	117	77177	36.393	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	287184	47.538	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53491	48.055	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	160431	35.870	ug/l	97
94) Hexachlorobutadiene	13.77	225	47094	24.720	ug/l	98
95) Naphthalene	13.82	128	650970	44.949	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	159830	36.565	ug/l	99

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

