

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016320.D
 Acq On : 18 May 2020 23:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 2:27:36 PM

Quant Time: May 19 03:30:52 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	254241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	418886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194934	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	156336	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	5.46	113	129231	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.70	98	497662	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.12	95	199172	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	134743	50.070	ug/l	99
3) Chloromethane	1.31	50	143755	45.998	ug/l	99
4) Vinyl Chloride	1.39	62	180159	54.032	ug/l	100
5) Bromomethane	1.62	94	65474	38.950	ug/l	100
6) Chloroethane	1.70	64	98770	48.685	ug/l	97
7) Trichlorofluoromethane	1.92	101	214457	48.992	ug/l	98
8) Diethyl Ether	2.17	74	90493	49.064	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121644	48.166	ug/l	99
10) Methyl Iodide	2.49	142	85639	25.245	ug/l	100
11) Tert butyl alcohol	3.02	59	198126	234.190	ug/l	99
12) 1,1-Dichloroethene	2.35	96	128397	48.583	ug/l	98
13) Acrolein	2.27	56	144023	272.049	ug/l	100
14) Allyl chloride	2.71	41	223769	46.178	ug/l	94
15) Acrylonitrile	3.12	53	441687	251.668	ug/l	99
16) Acetone	2.42	43	337083	225.813	ug/l	95
17) Carbon Disulfide	2.55	76	346399	43.619	ug/l	98
18) Methyl Acetate	2.75	43	194586	53.016	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	481160	52.813	ug/l	99
20) Methylene Chloride	2.84	84	150764	48.992	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	143145	48.604	ug/l	97
22) Diisopropyl ether	3.82	45	457695	50.066	ug/l	95
23) Vinyl Acetate	3.79	43	1985950	246.919	ug/l	98
24) 1,1-Dichloroethane	3.67	63	260667	50.972	ug/l	98
25) 2-Butanone	4.63	43	593343	246.668	ug/l	98
26) 2,2-Dichloropropane	4.55	77	191879	41.085	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	173636	53.928	ug/l	93
28) Bromochloromethane	4.98	49	109358	46.897	ug/l	94
29) Tetrahydrofuran	5.09	42	388909	244.007	ug/l	96
30) Chloroform	5.18	83	265618	52.166	ug/l	98
31) Cyclohexane	5.55	56	212772	45.781	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	236833	51.170	ug/l	98
36) 1,1-Dichloropropene	5.77	75	196657	47.693	ug/l	99
37) Ethyl Acetate	4.79	43	225151	47.112	ug/l	99
38) Carbon Tetrachloride	5.76	117	203757	48.617	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	188406	37.942	ug/l	98
40) Benzene	6.12	78	605157	50.159	ug/l	99
41) Methacrylonitrile	5.01	41	122270	47.374	ug/l	97
42) 1,2-Dichloroethane	6.17	62	205802	47.353	ug/l	98
43) Isopropyl Acetate	6.42	43	363858	47.718	ug/l	97
44) Trichloroethene	7.19	130	186091	43.417	ug/l	98
45) 1,2-Dichloropropane	7.49	63	155514	50.942	ug/l	98
46) Dibromomethane	7.64	93	103129	49.711	ug/l	99
47) Bromodichloromethane	7.88	83	215943	51.108	ug/l	99
48) Methyl methacrylate	7.74	41	172668	47.789	ug/l	93
49) 1,4-Dioxane	7.71	88	76945	887.937	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1148597	246.154	ug/l	97
52) Toluene	8.77	92	387118	51.478	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	244337	48.501	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	259079	49.236	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	156141	52.774	ug/l	99
56) Ethyl methacrylate	9.16	69	253094	52.406	ug/l	94
57) 1,3-Dichloropropane	9.35	76	266163	51.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	608811	236.789	ug/l	99
59) 2-Hexanone	9.48	43	894254	244.035	ug/l	96
60) Dibromochloromethane	9.57	129	178823	54.878	ug/l	99
61) 1,2-Dibromoethane	9.65	107	165084	51.512	ug/l	99
64) Tetrachloroethene	9.32	164	201816	41.746	ug/l	99
65) Chlorobenzene	10.12	112	430035	52.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	159753	52.417	ug/l	99
67) Ethyl Benzene	10.24	91	721484	49.039	ug/l	99
68) m/p-Xylenes	10.34	106	555307	100.741	ug/l	98
69) o-Xylene	10.68	106	270555	51.062	ug/l	99
70) Styrene	10.69	104	471850	52.492	ug/l	99
71) Bromoform	10.84	173	136018	54.779	ug/l #	100
73) Isopropylbenzene	11.00	105	692802	48.863	ug/l	100
74) N-amyl acetate	10.88	43	320283	48.429	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	197466	67.873	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	220457m	49.838	ug/l	
77) Bromobenzene	11.24	156	182846	49.962	ug/l	99
78) n-propylbenzene	11.35	91	767426	46.527	ug/l	99
79) 2-Chlorotoluene	11.41	91	479901	49.291	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	570314	47.641	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	87787	47.294	ug/l	96
82) 4-Chlorotoluene	11.49	91	562927	48.962	ug/l	99
83) tert-Butylbenzene	11.76	119	492355	47.724	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	585838	48.405	ug/l	99
85) sec-Butylbenzene	11.93	105	576108	41.359	ug/l	99
86) p-Isopropyltoluene	12.05	119	541538	41.873	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	311832	47.455	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	327953	49.172	ug/l	99
89) n-Butylbenzene	12.37	91	440042	37.245	ug/l	100
90) Hexachloroethane	12.58	117	96789	43.577	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	319314	50.466	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56796	48.717	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	193779	41.366	ug/l	98
94) Hexachlorobutadiene	13.77	225	64807	32.315	ug/l	99
95) Naphthalene	13.82	128	736864	48.579	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	195765	42.760	ug/l	98

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

