

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015031.D
 Acq On : 26 Feb 2020 19:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:48:28 AM

Quant Time: Feb 27 04:01:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	393871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	601001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	554066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	304359	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	231217	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	5.49	113	198174	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
50) Toluene-d8	8.71	98	740730	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	11.14	95	275213	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	168599	45.200	ug/l	99
3) Chloromethane	1.32	50	214613	50.749	ug/l	100
4) Vinyl Chloride	1.40	62	221631	48.650	ug/l	98
5) Bromomethane	1.63	94	128469	43.567	ug/l	97
6) Chloroethane	1.72	64	138855	47.636	ug/l	99
7) Trichlorofluoromethane	1.92	101	286053	44.942	ug/l	99
8) Diethyl Ether	2.18	74	130435	49.418	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	177500	48.043	ug/l	98
10) Methyl Iodide	2.50	142	201543	49.026	ug/l	100
11) Tert butyl alcohol	3.03	59	227840	290.297	ug/l	99
12) 1,1-Dichloroethene	2.37	96	178212	49.363	ug/l	99
13) Acrolein	2.28	56	127712	213.499	ug/l	97
14) Allyl chloride	2.72	41	323786	50.585	ug/l	96
15) Acrylonitrile	3.13	53	574601	288.793	ug/l	98
16) Acetone	2.44	43	473263	195.832	ug/l	99
17) Carbon Disulfide	2.56	76	438097	43.432	ug/l	100
18) Methyl Acetate	2.76	43	277203	61.918	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	624541	53.155	ug/l	99
20) Methylene Chloride	2.85	84	207893	48.618	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	192992	48.447	ug/l	99
22) Diisopropyl ether	3.84	45	672378	55.000	ug/l	98
23) Vinyl Acetate	3.80	43	2885701	286.346	ug/l	99
24) 1,1-Dichloroethane	3.69	63	361681	52.421	ug/l	99
25) 2-Butanone	4.65	43	785742	259.642	ug/l	99
26) 2,2-Dichloropropane	4.58	77	272401	45.813	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	231534	51.995	ug/l	98
28) Bromochloromethane	5.01	49	144006	53.848	ug/l	99
29) Tetrahydrofuran	5.11	42	508751	295.730	ug/l	100
30) Chloroform	5.20	83	356070	52.016	ug/l	96
31) Cyclohexane	5.57	56	306352	48.750	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	301241	50.308	ug/l	99
36) 1,1-Dichloropropene	5.79	75	258991	48.174	ug/l	99
37) Ethyl Acetate	4.82	43	309341	55.168	ug/l	100
38) Carbon Tetrachloride	5.78	117	257303	49.111	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	310109	46.122	ug/l	99
40) Benzene	6.14	78	814060	50.679	ug/l	99
41) Methacrylonitrile	5.03	41	170304	56.379	ug/l	98
42) 1,2-Dichloroethane	6.18	62	285140	49.115	ug/l	99
43) Isopropyl Acetate	6.43	43	508651	54.990	ug/l	99
44) Trichloroethene	7.21	130	235347	50.471	ug/l	98
45) 1,2-Dichloropropane	7.51	63	215982	52.723	ug/l	97
46) Dibromomethane	7.65	93	141421	50.504	ug/l	98
47) Bromodichloromethane	7.89	83	283161	51.000	ug/l	96
48) Methyl methacrylate	7.76	41	251648	55.281	ug/l	98
49) 1,4-Dioxane	7.73	88	99648	1170.800	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1603448	287.085	ug/l	99
52) Toluene	8.78	92	516508	50.627	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	310913	51.096	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	343494	51.100	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	217682	52.738	ug/l	98
56) Ethyl methacrylate	9.17	69	343697	55.398	ug/l	98
57) 1,3-Dichloropropane	9.37	76	362570	52.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	882491	271.982	ug/l	99
59) 2-Hexanone	9.48	43	1216981	277.211	ug/l	99
60) Dibromochloromethane	9.57	129	236141	53.161	ug/l	99
61) 1,2-Dibromoethane	9.67	107	228039	51.203	ug/l	100
64) Tetrachloroethene	9.33	164	221434	42.745	ug/l	97
65) Chlorobenzene	10.14	112	566534	50.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	213183	52.252	ug/l	99
67) Ethyl Benzene	10.25	91	986954	51.640	ug/l	99
68) m/p-Xylenes	10.35	106	749006	101.730	ug/l	99
69) o-Xylene	10.70	106	367227	51.886	ug/l	97
70) Styrene	10.71	104	643555	53.749	ug/l	99
71) Bromoform	10.85	173	184196	54.088	ug/l	100
73) Isopropylbenzene	11.01	105	971607	50.905	ug/l	100
74) N-amyl acetate	10.89	43	437762	55.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	333874	53.512	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	274343m	49.846	ug/l	
77) Bromobenzene	11.25	156	266361	49.999	ug/l	99
78) n-propylbenzene	11.35	91	1114182	50.471	ug/l	100
79) 2-Chlorotoluene	11.42	91	654773	50.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	808156	50.674	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113398	52.739	ug/l	98
82) 4-Chlorotoluene	11.51	91	765631	49.817	ug/l	99
83) tert-Butylbenzene	11.76	119	805685	53.349	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	821555	51.117	ug/l	99
85) sec-Butylbenzene	11.94	105	945923	50.419	ug/l	99
86) p-Isopropyltoluene	12.06	119	877975	50.009	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	467681	48.936	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	464036	47.547	ug/l	100
89) n-Butylbenzene	12.39	91	774434	49.253	ug/l	100
90) Hexachloroethane	12.59	117	159421	51.997	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	462609	49.359	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72860	49.776	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	339037	49.010	ug/l	97
94) Hexachlorobutadiene	13.78	225	159085	47.545	ug/l	98
95) Naphthalene	13.83	128	1010705	54.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	333236	49.859	ug/l	99

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

