

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022420\
 Data File : VX014998.D
 Acq On : 24 Feb 2020 09:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 9:36:31 AM

Quant Time: Feb 25 00:47:43 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	431667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	637374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	590409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	237061	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.48	113	199165	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	746388	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	273136	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	205906	50.369	ug/l	99
3) Chloromethane	1.32	50	235624	50.839	ug/l	99
4) Vinyl Chloride	1.41	62	251734	50.420	ug/l	99
5) Bromomethane	1.63	94	156034	48.282	ug/l	97
6) Chloroethane	1.72	64	158008	49.461	ug/l	99
7) Trichlorofluoromethane	1.92	101	344641	49.406	ug/l	99
8) Diethyl Ether	2.18	74	143735	49.689	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205508	50.754	ug/l	99
10) Methyl Iodide	2.50	142	233751	51.628	ug/l	100
11) Tert butyl alcohol	3.02	59	213222	247.885	ug/l	100
12) 1,1-Dichloroethene	2.37	96	196391	49.636	ug/l	97
13) Acrolein	2.28	56	158200	241.311	ug/l	99
14) Allyl chloride	2.72	41	349228	49.783	ug/l	97
15) Acrylonitrile	3.13	53	560269	256.935	ug/l	99
16) Acetone	2.43	43	700515	268.493	ug/l	98
17) Carbon Disulfide	2.56	76	498681	45.109	ug/l	100
18) Methyl Acetate	2.76	43	261442	53.285	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	663186	51.502	ug/l	99
20) Methylene Chloride	2.85	84	224357	47.874	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	208007	47.644	ug/l	94
22) Diisopropyl ether	3.84	45	712843	53.205	ug/l	90
23) Vinyl Acetate	3.80	43	3004133	271.997	ug/l	99
24) 1,1-Dichloroethane	3.69	63	385025	50.918	ug/l	99
25) 2-Butanone	4.65	43	877163	264.473	ug/l	100
26) 2,2-Dichloropropane	4.57	77	321383	49.318	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	243889	49.974	ug/l	99
28) Bromochloromethane	5.00	49	153314	52.309	ug/l	97
29) Tetrahydrofuran	5.11	42	491973	260.938	ug/l	100
30) Chloroform	5.20	83	383558	51.126	ug/l	98
31) Cyclohexane	5.57	56	342843	49.780	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	332537	50.672	ug/l	99
36) 1,1-Dichloropropene	5.79	75	289075	50.702	ug/l	99
37) Ethyl Acetate	4.81	43	303818	51.091	ug/l	99
38) Carbon Tetrachloride	5.78	117	282363	50.819	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	361971	50.763	ug/l	98
40) Benzene	6.13	78	876270	51.439	ug/l	98
41) Methacrylonitrile	5.02	41	172703	53.910	ug/l	99
42) 1,2-Dichloroethane	6.18	62	309161	50.213	ug/l	100
43) Isopropyl Acetate	6.43	43	517024	52.706	ug/l	99
44) Trichloroethene	7.20	130	244282	49.397	ug/l	96
45) 1,2-Dichloropropane	7.50	63	228338	52.558	ug/l	100
46) Dibromomethane	7.65	93	149746	50.425	ug/l	97
47) Bromodichloromethane	7.89	83	303940	51.618	ug/l	98
48) Methyl methacrylate	7.76	41	257357	53.309	ug/l	99
49) 1,4-Dioxane	7.73	88	94017	1041.601	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1572964	265.556	ug/l	100
52) Toluene	8.78	92	556277	51.414	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	337081	52.235	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	368679	51.716	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	227034	51.864	ug/l	98
56) Ethyl methacrylate	9.17	69	354734	53.914	ug/l	99
57) 1,3-Dichloropropane	9.36	76	382525	51.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	959570	278.860	ug/l	99
59) 2-Hexanone	9.48	43	1254620	269.476	ug/l	100
60) Dibromochloromethane	9.57	129	248620	52.776	ug/l	99
61) 1,2-Dibromoethane	9.67	107	238964	50.594	ug/l	99
64) Tetrachloroethene	9.33	164	253752	45.969	ug/l	99
65) Chlorobenzene	10.13	112	604361	50.468	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	229139	52.706	ug/l	99
67) Ethyl Benzene	10.25	91	1066871	52.385	ug/l	100
68) m/p-Xylenes	10.36	106	826431	105.337	ug/l	98
69) o-Xylene	10.69	106	393630	52.193	ug/l	100
70) Styrene	10.71	104	686422	53.800	ug/l	100
71) Bromoform	10.85	173	192611	53.078	ug/l #	99
73) Isopropylbenzene	11.01	105	1069155	53.748	ug/l	100
74) N-amyl acetate	10.89	43	454818	55.028	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	339307	52.181	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	284041m	49.519	ug/l	
77) Bromobenzene	11.25	156	283966	51.146	ug/l	98
78) n-propylbenzene	11.35	91	1229139	53.424	ug/l	100
79) 2-Chlorotoluene	11.42	91	719328	53.182	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	900929	54.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	116129	51.822	ug/l	99
82) 4-Chlorotoluene	11.51	91	832305	51.962	ug/l	100
83) tert-Butylbenzene	11.76	119	862566	54.803	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	903867	53.962	ug/l	99
85) sec-Butylbenzene	11.94	105	1059120	54.167	ug/l	99
86) p-Isopropyltoluene	12.06	119	985019	53.835	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	503237	50.524	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	508558	49.999	ug/l	99
89) n-Butylbenzene	12.39	91	872347	53.234	ug/l	99
90) Hexachloroethane	12.59	117	174455	54.597	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	497223	50.904	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73238	48.008	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	362802	50.322	ug/l	100
94) Hexachlorobutadiene	13.78	225	181616	52.081	ug/l	98
95) Naphthalene	13.83	128	1020220	53.222	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	359784	51.652	ug/l	99

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

