

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016399.D
 Acq On : 22 May 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
 5/26/2020 11:44:05 AM

Quant Time: May 23 01:43:10 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	5.62	168	236275	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	367731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	345559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	134057	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	
35) Dibromofluoromethane	5.46	113	112158	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	8.70	98	433853	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	11.12	95	172005	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119827	47.914	ug/l	100
3) Chloromethane	1.31	50	126893	43.690	ug/l	99
4) Vinyl Chloride	1.39	62	145067	46.816	ug/l	100
5) Bromomethane	1.62	94	56594	36.227	ug/l	99
6) Chloroethane	1.70	64	86472	45.864	ug/l	99
7) Trichlorofluoromethane	1.91	101	198532	48.802	ug/l	100
8) Diethyl Ether	2.17	74	79488	46.374	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114128	48.626	ug/l	97
10) Methyl Iodide	2.49	142	105297	33.400	ug/l	99
11) Tert butyl alcohol	3.02	59	161481	205.389	ug/l	100
12) 1,1-Dichloroethene	2.35	96	115081	46.855	ug/l	100
13) Acrolein	2.27	56	137211	278.890	ug/l	100
14) Allyl chloride	2.70	41	193156	42.891	ug/l	93
15) Acrylonitrile	3.11	53	369495	226.542	ug/l	98
16) Acetone	2.42	43	300939	216.929	ug/l	94
17) Carbon Disulfide	2.54	76	326929	44.301	ug/l	100
18) Methyl Acetate	2.75	43	148625	43.573	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	421035	49.727	ug/l	97
20) Methylene Chloride	2.83	84	133274	46.602	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	132944	48.573	ug/l	98
22) Diisopropyl ether	3.82	45	390222	45.931	ug/l	97
23) Vinyl Acetate	3.78	43	1685460	225.492	ug/l	97
24) 1,1-Dichloroethane	3.67	63	227834	47.939	ug/l	98
25) 2-Butanone	4.63	43	480923	215.135	ug/l	95
26) 2,2-Dichloropropane	4.54	77	211218	48.664	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	149770	50.053	ug/l	96
28) Bromochloromethane	4.98	49	90708	41.857	ug/l	90
29) Tetrahydrofuran	5.08	42	316625	213.761	ug/l	93
30) Chloroform	5.17	83	235274	49.720	ug/l	100
31) Cyclohexane	5.54	56	199891	46.279	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	212230	49.341	ug/l	97
36) 1,1-Dichloropropene	5.76	75	180934	49.985	ug/l	99
37) Ethyl Acetate	4.79	43	183887	43.830	ug/l	96
38) Carbon Tetrachloride	5.75	117	192937	52.439	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	201268	46.171	ug/l	97
40) Benzene	6.11	78	547950	51.736	ug/l	99
41) Methacrylonitrile	5.00	41	100242	44.242	ug/l	95
42) 1,2-Dichloroethane	6.16	62	182771	47.904	ug/l	97
43) Isopropyl Acetate	6.41	43	298065	44.527	ug/l	95
44) Trichloroethene	7.18	130	181418	48.215	ug/l	95
45) 1,2-Dichloropropane	7.49	63	135191	50.445	ug/l	98
46) Dibromomethane	7.63	93	92897	51.008	ug/l	98
47) Bromodichloromethane	7.87	83	192926	52.013	ug/l	98
48) Methyl methacrylate	7.74	41	142133	44.810	ug/l	91
49) 1,4-Dioxane	7.71	88	70717	929.590	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	940461	229.586	ug/l	95
52) Toluene	8.76	92	353832	53.597	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	225526	50.995	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	239829	51.918	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	139196	53.591	ug/l	98
56) Ethyl methacrylate	9.16	69	223628	52.746	ug/l	90
57) 1,3-Dichloropropane	9.35	76	235843	52.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	561245	248.655	ug/l	97
59) 2-Hexanone	9.48	43	749720	233.054	ug/l	94
60) Dibromochloromethane	9.57	129	161005	56.283	ug/l	99
61) 1,2-Dibromoethane	9.65	107	149158	53.017	ug/l	99
64) Tetrachloroethene	9.32	164	210676	49.662	ug/l	98
65) Chlorobenzene	10.12	112	384063	53.080	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	142788	53.391	ug/l	99
67) Ethyl Benzene	10.24	91	677707	52.494	ug/l	99
68) m/p-Xylenes	10.34	106	521862	107.891	ug/l	100
69) o-Xylene	10.68	106	250355	53.846	ug/l	98
70) Styrene	10.70	104	439691	55.743	ug/l	98
71) Bromoform	10.84	173	123103	56.499	ug/l #	98
73) Isopropylbenzene	11.00	105	664261	51.145	ug/l	99
74) N-amyl acetate	10.88	43	265348	43.801	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	150099	57.702	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	198943m	49.097	ug/l	
77) Bromobenzene	11.24	156	167925	50.092	ug/l	99
78) n-propylbenzene	11.34	91	747476	49.471	ug/l	98
79) 2-Chlorotoluene	11.40	91	452923	50.784	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	568907	51.879	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	83647	49.194	ug/l	90
82) 4-Chlorotoluene	11.49	91	535983	50.892	ug/l	99
83) tert-Butylbenzene	11.76	119	474471	50.206	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	569682	51.385	ug/l	99
85) sec-Butylbenzene	11.93	105	598871	46.934	ug/l	99
86) p-Isopropyltoluene	12.05	119	572110	48.292	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	305205	50.704	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	308350	50.471	ug/l	100
89) n-Butylbenzene	12.37	91	480432	44.391	ug/l	100
90) Hexachloroethane	12.58	117	95789	47.080	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	291262	50.252	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48869	45.760	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	197076	45.926	ug/l	96
94) Hexachlorobutadiene	13.77	225	74093	40.203	ug/l	97
95) Naphthalene	13.82	128	663154	47.727	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	191015	45.548	ug/l	98

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

