

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051120\
 Data File : VX016164.D
 Acq On : 11 May 2020 20:59
 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

apatel
 5/12/2020 2:07:25 PM

Quant Time: May 12 07:55:10 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	5.63	168	290358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	476471	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	181933	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.47	113	144752	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
50) Toluene-d8	8.70	98	557242	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.12	95	216791	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	152489	49.616	ug/l	100
3) Chloromethane	1.31	50	165665	46.415	ug/l	99
4) Vinyl Chloride	1.39	62	182714	47.982	ug/l	100
5) Bromomethane	1.62	94	79429	41.374	ug/l	96
6) Chloroethane	1.70	64	113203	48.859	ug/l	99
7) Trichlorofluoromethane	1.92	101	242316	48.470	ug/l	98
8) Diethyl Ether	2.17	74	103038	48.916	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138789	48.119	ug/l	98
10) Methyl Iodide	2.49	142	162694	41.994	ug/l	100
11) Tert butyl alcohol	3.02	59	227614	235.580	ug/l	100
12) 1,1-Dichloroethene	2.36	96	144789	47.970	ug/l	96
13) Acrolein	2.27	56	111166	183.865	ug/l	99
14) Allyl chloride	2.71	41	269906	48.771	ug/l	97
15) Acrylonitrile	3.12	53	508978	253.936	ug/l	99
16) Acetone	2.42	43	415401	243.664	ug/l	98
17) Carbon Disulfide	2.55	76	421979	46.541	ug/l	99
18) Methyl Acetate	2.75	43	219901	52.461	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	538133	51.719	ug/l	100
20) Methylene Chloride	2.84	84	167799	47.745	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	160715	47.782	ug/l	99
22) Diisopropyl ether	3.82	45	528681	50.637	ug/l	99
23) Vinyl Acetate	3.79	43	2349057	255.736	ug/l	100
24) 1,1-Dichloroethane	3.67	63	297336	50.910	ug/l	98
25) 2-Butanone	4.64	43	706201	257.068	ug/l	100
26) 2,2-Dichloropropane	4.56	77	234957	44.051	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	185831	50.537	ug/l	97
28) Bromochloromethane	4.98	49	133573	50.156	ug/l	99
29) Tetrahydrofuran	5.09	42	458277	251.764	ug/l	99
30) Chloroform	5.18	83	295293	50.780	ug/l	98
31) Cyclohexane	5.55	56	256926	48.405	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	268161	50.732	ug/l	99
36) 1,1-Dichloropropene	5.78	75	221801	47.290	ug/l	99
37) Ethyl Acetate	4.79	43	268887	49.464	ug/l	100
38) Carbon Tetrachloride	5.76	117	233705	49.023	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	255705	45.271	ug/l	99
40) Benzene	6.12	78	672878	49.032	ug/l	98
41) Methacrylonitrile	5.01	41	142909	48.679	ug/l	99
42) 1,2-Dichloroethane	6.17	62	235020	47.541	ug/l	99
43) Isopropyl Acetate	6.42	43	429020	49.464	ug/l	100
44) Trichloroethene	7.19	130	204157	41.875	ug/l	100
45) 1,2-Dichloropropane	7.49	63	173851	50.066	ug/l	97
46) Dibromomethane	7.64	93	115556	48.969	ug/l	99
47) Bromodichloromethane	7.88	83	239530	49.839	ug/l	97
48) Methyl methacrylate	7.74	41	203691	49.561	ug/l	98
49) 1,4-Dioxane	7.71	88	82757	839.588	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1350416	254.429	ug/l	99
52) Toluene	8.77	92	423127	49.466	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	277420	48.413	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	292098	48.802	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	170634	50.702	ug/l	99
56) Ethyl methacrylate	9.16	69	284336	51.759	ug/l	97
57) 1,3-Dichloropropane	9.35	76	293910	50.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	704465	240.878	ug/l	100
59) 2-Hexanone	9.48	43	1052123	252.416	ug/l	99
60) Dibromochloromethane	9.57	129	194066	52.358	ug/l	99
61) 1,2-Dibromoethane	9.65	107	183259	50.272	ug/l	99
64) Tetrachloroethene	9.32	164	229083	42.147	ug/l	98
65) Chlorobenzene	10.12	112	456454	49.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	171879	50.161	ug/l	100
67) Ethyl Benzene	10.24	91	797715	48.226	ug/l	99
68) m/p-Xylenes	10.34	106	602711	97.252	ug/l	99
69) o-Xylene	10.68	106	295323	49.574	ug/l	98
70) Styrene	10.70	104	515389	50.996	ug/l	99
71) Bromoform	10.84	173	147202	52.728	ug/l #	99
73) Isopropylbenzene	11.00	105	767313	47.090	ug/l	100
74) N-amyl acetate	10.88	43	372561	49.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	211919	63.958	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	246739m	48.535	ug/l	
77) Bromobenzene	11.24	156	198563	47.211	ug/l	99
78) n-propylbenzene	11.34	91	890762	46.991	ug/l	100
79) 2-Chlorotoluene	11.40	91	529199	47.295	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	654398	47.565	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	100696	47.203	ug/l	98
82) 4-Chlorotoluene	11.49	91	629743	47.660	ug/l	100
83) tert-Butylbenzene	11.76	119	572105	48.253	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	660823	47.510	ug/l	99
85) sec-Butylbenzene	11.93	105	737999	46.101	ug/l	99
86) p-Isopropyltoluene	12.05	119	693801	46.680	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	353132	46.761	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	355295	46.354	ug/l	100
89) n-Butylbenzene	12.37	91	612049	45.076	ug/l	100
90) Hexachloroethane	12.58	117	119706	46.896	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	338710	46.580	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64574	48.195	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	245975	45.689	ug/l	96
94) Hexachlorobutadiene	13.77	225	95209	41.164	ug/l	100
95) Naphthalene	13.82	128	819798	47.028	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	239112	45.446	ug/l	99

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

