

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051320\
 Data File : VX016193.D
 Acq On : 13 May 2020 20:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:16:00 PM

Quant Time: May 14 07:21:46 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	5.64	168	267291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	396331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	157233	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	5.47	113	125934	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
50) Toluene-d8	8.70	98	493152	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.12	95	194363	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	139489	49.303	ug/l	100
3) Chloromethane	1.31	50	146798	44.679	ug/l	98
4) Vinyl Chloride	1.39	62	163450	46.628	ug/l	100
5) Bromomethane	1.62	94	73728	41.719	ug/l	96
6) Chloroethane	1.70	64	99045	46.437	ug/l	98
7) Trichlorofluoromethane	1.91	101	215261	46.774	ug/l	100
8) Diethyl Ether	2.17	74	89767	46.294	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123842	46.642	ug/l	98
10) Methyl Iodide	2.49	142	133700	37.488	ug/l	98
11) Tert butyl alcohol	3.02	59	201635	226.702	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126747	45.617	ug/l	98
13) Acrolein	2.27	56	126862	227.934	ug/l	99
14) Allyl chloride	2.70	41	231056	45.354	ug/l	96
15) Acrylonitrile	3.12	53	432410	234.353	ug/l	99
16) Acetone	2.42	43	341648	217.697	ug/l	96
17) Carbon Disulfide	2.55	76	367844	44.060	ug/l	99
18) Methyl Acetate	2.75	43	188024	48.727	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	474816	49.572	ug/l	99
20) Methylene Chloride	2.83	84	146891	45.403	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	142694	46.085	ug/l	98
22) Diisopropyl ether	3.82	45	457172	47.567	ug/l	95
23) Vinyl Acetate	3.79	43	2020942	239.002	ug/l	99
24) 1,1-Dichloroethane	3.67	63	260358	48.425	ug/l	99
25) 2-Butanone	4.64	43	599383	237.013	ug/l	100
26) 2,2-Dichloropropane	4.55	77	204779	41.706	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	163016	48.158	ug/l	98
28) Bromochloromethane	4.98	49	121948	49.742	ug/l	97
29) Tetrahydrofuran	5.09	42	388924	232.103	ug/l	98
30) Chloroform	5.18	83	261696	48.886	ug/l	100
31) Cyclohexane	5.55	56	227878	46.637	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	238648	49.045	ug/l	99
36) 1,1-Dichloropropene	5.77	75	197558	46.743	ug/l	100
37) Ethyl Acetate	4.79	43	225294	45.991	ug/l	99
38) Carbon Tetrachloride	5.76	117	209818	48.841	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	223340	43.879	ug/l	99
40) Benzene	6.11	78	600486	48.557	ug/l	97
41) Methacrylonitrile	5.01	41	121638	45.979	ug/l	98
42) 1,2-Dichloroethane	6.17	62	207606	46.603	ug/l	99
43) Isopropyl Acetate	6.41	43	367500	47.019	ug/l	99
44) Trichloroethene	7.19	130	198377	45.154	ug/l	99
45) 1,2-Dichloropropane	7.49	63	157660	50.384	ug/l	98
46) Dibromomethane	7.64	93	103226	48.543	ug/l	100
47) Bromodichloromethane	7.88	83	215635	49.790	ug/l	99
48) Methyl methacrylate	7.74	41	174044	46.994	ug/l	96
49) 1,4-Dioxane	7.71	88	83085	935.392	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1153918	241.259	ug/l	98
52) Toluene	8.77	92	381062	49.436	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	247223	47.877	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	262250	48.622	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	153535	50.626	ug/l	99
56) Ethyl methacrylate	9.16	69	251859	50.877	ug/l	95
57) 1,3-Dichloropropane	9.35	76	264451	49.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	652671	247.652	ug/l	100
59) 2-Hexanone	9.48	43	901606	240.036	ug/l	98
60) Dibromochloromethane	9.57	129	176453	52.829	ug/l	99
61) 1,2-Dibromoethane	9.65	107	163970	49.915	ug/l	99
64) Tetrachloroethene	9.32	164	223792	45.996	ug/l	95
65) Chlorobenzene	10.12	112	407826	49.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	157035	51.197	ug/l	99
67) Ethyl Benzene	10.24	91	731891	49.429	ug/l	99
68) m/p-Xylenes	10.34	106	552505	99.593	ug/l	99
69) o-Xylene	10.68	106	267257	50.118	ug/l	100
70) Styrene	10.70	104	467002	51.621	ug/l	100
71) Bromoform	10.84	173	132455	53.003	ug/l #	98
73) Isopropylbenzene	11.00	105	720902	46.930	ug/l	99
74) N-amyl acetate	10.88	43	322658	45.032	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	166607	54.583	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	224469m	46.837	ug/l	
77) Bromobenzene	11.24	156	183248	46.217	ug/l	99
78) n-propylbenzene	11.34	91	822999	46.054	ug/l	99
79) 2-Chlorotoluene	11.40	91	495124	46.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	605102	46.655	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90337	44.920	ug/l	96
82) 4-Chlorotoluene	11.49	91	582607	46.772	ug/l	100
83) tert-Butylbenzene	11.76	119	525452	47.010	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	619035	47.210	ug/l	99
85) sec-Butylbenzene	11.93	105	680796	45.111	ug/l	100
86) p-Isopropyltoluene	12.05	119	640650	45.723	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	332644	46.725	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	333801	46.196	ug/l	100
89) n-Butylbenzene	12.37	91	549039	42.892	ug/l	99
90) Hexachloroethane	12.58	117	112806	46.878	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	320001	46.681	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56056	44.380	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227473	44.820	ug/l	98
94) Hexachlorobutadiene	13.77	225	82676	37.958	ug/l	98
95) Naphthalene	13.82	128	770518	46.887	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	228335	46.034	ug/l	96

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

