

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016423.D
 Acq On : 26 May 2020 13:39
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:20 PM

Quant Time: May 26 16:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	164354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	273444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	263228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	132321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	106532	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.46	113	86915	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.70	98	335383	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.12	95	123754	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	67101	40.246	ug/l	100
3) Chloromethane	1.32	50	84064	42.721	ug/l	100
4) Vinyl Chloride	1.39	62	110647	50.960	ug/l	100
5) Bromomethane	1.62	94	134703	95.197	ug/l	100
6) Chloroethane	1.71	64	77512	57.499	ug/l	100
7) Trichlorofluoromethane	1.92	101	178778	60.534	ug/l	100
8) Diethyl Ether	2.17	74	71087	57.548	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75623	46.877	ug/l	100
10) Methyl Iodide	2.49	142	84380	40.697	ug/l	100
11) Tert butyl alcohol	3.02	59	120481	225.603	ug/l	100
12) 1,1-Dichloroethene	2.36	96	77957	46.205	ug/l	100
13) Acrolein	2.28	56	61058	188.280	ug/l	100
14) Allyl chloride	2.71	41	129569	42.520	ug/l	100
15) Acrylonitrile	3.12	53	247486	222.467	ug/l	100
16) Acetone	2.42	43	211930	223.743	ug/l	100
17) Carbon Disulfide	2.55	76	232397	40.526	ug/l	100
18) Methyl Acetate	2.75	43	103220	44.351	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	283445	48.465	ug/l	100
20) Methylene Chloride	2.84	84	89358	45.325	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	91223	47.842	ug/l	100
22) Diisopropyl ether	3.82	45	270391	46.338	ug/l	100
23) Vinyl Acetate	3.79	43	1211657	236.454	ug/l	100
24) 1,1-Dichloroethane	3.67	63	157664	47.982	ug/l	100
25) 2-Butanone	4.64	43	354629	232.067	ug/l	100
26) 2,2-Dichloropropane	4.56	77	143835	47.814	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	105674	50.510	ug/l	100
28) Bromochloromethane	4.98	49	71987	47.830	ug/l	100
29) Tetrahydrofuran	5.09	42	230664	228.115	ug/l	100
30) Chloroform	5.18	83	167704	50.763	ug/l	100
31) Cyclohexane	5.55	56	134451	45.804	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	155005	51.455	ug/l	100
36) 1,1-Dichloropropene	5.77	75	125667	46.979	ug/l	100
37) Ethyl Acetate	4.79	43	136112	44.613	ug/l	100
38) Carbon Tetrachloride	5.76	117	134315	49.187	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	138248	43.661	ug/l	100
40) Benzene	6.12	78	376050	47.976	ug/l	100
41) Methacrylonitrile	5.00	41	73626	44.711	ug/l	100
42) 1,2-Dichloroethane	6.17	62	134050	47.539	ug/l	100
43) Isopropyl Acetate	6.42	43	220339	45.124	ug/l	100
44) Trichloroethene	7.19	130	125310	45.245	ug/l	100
45) 1,2-Dichloropropane	7.49	63	92499	46.977	ug/l	100
46) Dibromomethane	7.64	93	68644	50.431	ug/l	100
47) Bromodichloromethane	7.88	83	136571	49.680	ug/l	100
48) Methyl methacrylate	7.74	41	101288	44.026	ug/l	100
49) 1,4-Dioxane	7.72	88	53085	947.843	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	702273	234.767	ug/l	100
52) Toluene	8.77	92	244908	49.910	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	156645	47.943	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	160092	47.108	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	99577	51.358	ug/l	100
56) Ethyl methacrylate	9.16	69	151142	48.508	ug/l	100
57) 1,3-Dichloropropane	9.35	76	164634	49.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	389544	235.286	ug/l	100
59) 2-Hexanone	9.48	43	550199	234.002	ug/l	100
60) Dibromochloromethane	9.57	129	115761	53.901	ug/l	100
61) 1,2-Dibromoethane	9.65	107	111054	52.729	ug/l	100
64) Tetrachloroethene	9.32	164	145655	45.652	ug/l	100
65) Chlorobenzene	10.12	112	268640	48.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102845	50.477	ug/l	100
67) Ethyl Benzene	10.24	91	469161	48.132	ug/l	100
68) m/p-Xylenes	10.34	106	363546	99.261	ug/l	100
69) o-Xylene	10.68	106	176225	49.955	ug/l	100
70) Styrene	10.70	104	298189	49.975	ug/l	100
71) Bromoform	10.84	173	87828	52.823	ug/l	100
73) Isopropylbenzene	11.00	105	460198	48.203	ug/l	100
74) N-amyl acetate	10.88	43	191441	43.770	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	110594	63.079	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	138477m	46.764	ug/l	
77) Bromobenzene	11.24	156	119519	48.181	ug/l	100
78) n-propylbenzene	11.34	91	519003	46.841	ug/l	100
79) 2-Chlorotoluene	11.40	91	306223	46.735	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	385166	47.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	58033	46.993	ug/l	100
82) 4-Chlorotoluene	11.49	91	366261	47.292	ug/l	100
83) tert-Butylbenzene	11.76	119	327127	47.141	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	383354	47.165	ug/l	100
85) sec-Butylbenzene	11.93	105	419132	45.147	ug/l	100
86) p-Isopropyltoluene	12.05	119	385690	44.857	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	206406	46.582	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	209968	46.660	ug/l	100
89) n-Butylbenzene	12.37	91	329162	42.139	ug/l	100
90) Hexachloroethane	12.58	117	70376	47.353	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	205253	47.866	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	35364	45.279	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	128421	41.302	ug/l	100
94) Hexachlorobutadiene	13.77	225	44611	32.085	ug/l	100
95) Naphthalene	13.82	128	473443	46.493	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	125861	41.614	ug/l	100

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

