

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016627.D
 Acq On : 08 Jun 2020 10:25
 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
 6/9/2020 11:41:11 AM

Quant Time: Jun 09 05:46:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	223500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	326688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	309017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	162442	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	128590	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
35) Dibromofluoromethane	5.46	113	101287	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.70	98	389776	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.12	95	150784	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	96592	43.916	ug/l	98
3) Chloromethane	1.31	50	105213	39.584	ug/l	100
4) Vinyl Chloride	1.39	62	117720	41.880	ug/l	100
5) Bromomethane	1.62	94	65304	47.782	ug/l	99
6) Chloroethane	1.70	64	76721	46.790	ug/l	99
7) Trichlorofluoromethane	1.91	101	187525	50.799	ug/l	99
8) Diethyl Ether	2.17	74	73224	47.570	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103901	51.140	ug/l	98
10) Methyl Iodide	2.49	142	107487	44.631	ug/l	100
11) Tert butyl alcohol	3.01	59	153248	215.313	ug/l	100
12) 1,1-Dichloroethene	2.36	96	101863	47.366	ug/l	99
13) Acrolein	2.27	56	87982	290.593	ug/l	96
14) Allyl chloride	2.70	41	164377	41.562	ug/l	96
15) Acrylonitrile	3.11	53	321599	220.581	ug/l	99
16) Acetone	2.42	43	289600	238.149	ug/l	99
17) Carbon Disulfide	2.54	76	264727	41.452	ug/l	100
18) Methyl Acetate	2.75	43	142669	45.743	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	373896	48.417	ug/l	97
20) Methylene Chloride	2.83	84	114378	45.461	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	108975	45.812	ug/l	95
22) Diisopropyl ether	3.82	45	327558	43.113	ug/l	96
23) Vinyl Acetate	3.78	43	1469546	220.976	ug/l	95
24) 1,1-Dichloroethane	3.67	63	191497	44.656	ug/l	99
25) 2-Butanone	4.63	43	430745	209.045	ug/l	94
26) 2,2-Dichloropropane	4.55	77	184504	52.581	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	127493	46.329	ug/l	98
28) Bromochloromethane	4.98	49	84080	42.193	ug/l	85
29) Tetrahydrofuran	5.08	42	278027	208.853	ug/l	93
30) Chloroform	5.17	83	206180	47.718	ug/l	99
31) Cyclohexane	5.54	56	158401	41.059	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	189711	48.497	ug/l	98
36) 1,1-Dichloropropene	5.76	75	148551	48.026	ug/l	97
37) Ethyl Acetate	4.79	43	162925	43.873	ug/l	97
38) Carbon Tetrachloride	5.75	117	173828	53.477	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	169053	50.319	ug/l	95
40) Benzene	6.11	78	446625	48.488	ug/l	99
41) Methacrylonitrile	4.99	41	89376	43.816	ug/l	96
42) 1,2-Dichloroethane	6.15	62	167854	51.242	ug/l	100
43) Isopropyl Acetate	6.40	43	262158	45.259	ug/l	97
44) Trichloroethene	7.19	130	149005	50.985	ug/l	94
45) 1,2-Dichloropropane	7.49	63	112788	48.098	ug/l	97
46) Dibromomethane	7.63	93	80247	50.949	ug/l	96
47) Bromodichloromethane	7.87	83	169306	51.915	ug/l	99
48) Methyl methacrylate	7.74	41	128475	46.323	ug/l	96
49) 1,4-Dioxane	7.71	88	62688	965.837	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	829224	229.909	ug/l	97
52) Toluene	8.76	92	294665	50.730	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	193050	52.058	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	201869	51.429	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	120938	52.366	ug/l	96
56) Ethyl methacrylate	9.16	69	188468	50.108	ug/l	96
57) 1,3-Dichloropropane	9.35	76	201832	50.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	491349	250.277	ug/l	96
59) 2-Hexanone	9.47	43	643597	229.462	ug/l	97
60) Dibromochloromethane	9.57	129	144452	55.580	ug/l	99
61) 1,2-Dibromoethane	9.65	107	129091	52.198	ug/l	100
64) Tetrachloroethene	9.32	164	182216	52.706	ug/l	100
65) Chlorobenzene	10.12	112	318429	50.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	127980	53.217	ug/l	98
67) Ethyl Benzene	10.23	91	561803	50.086	ug/l	99
68) m/p-Xylenes	10.34	106	426331	102.512	ug/l	100
69) o-Xylene	10.68	106	201703	50.080	ug/l	99
70) Styrene	10.70	104	362394	52.347	ug/l	100
71) Bromoform	10.84	173	114554	56.363	ug/l #	99
73) Isopropylbenzene	11.00	105	549089	48.785	ug/l	100
74) N-amyl acetate	10.88	43	219944	42.484	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	134014	47.509	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	173866m	48.694	ug/l	
77) Bromobenzene	11.24	156	145469	49.277	ug/l	96
78) n-propylbenzene	11.34	91	615797	48.971	ug/l	98
79) 2-Chlorotoluene	11.40	91	376947	49.110	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	475427	50.588	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	68394	47.118	ug/l	98
82) 4-Chlorotoluene	11.49	91	448973	49.534	ug/l	99
83) tert-Butylbenzene	11.76	119	401136	49.954	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	482048	50.719	ug/l	100
85) sec-Butylbenzene	11.93	105	519539	51.575	ug/l	100
86) p-Isopropyltoluene	12.05	119	499665	52.951	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	259600	50.759	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	263816	50.436	ug/l	100
89) n-Butylbenzene	12.37	91	419691	53.397	ug/l	99
90) Hexachloroethane	12.58	117	85556	52.491	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	254099	51.281	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44557	48.767	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	186353	56.628	ug/l	97
94) Hexachlorobutadiene	13.76	225	79503	61.532	ug/l	98
95) Naphthalene	13.82	128	592505	52.521	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	180855	56.096	ug/l	99

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

