

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016692.D
 Acq On : 11 Jun 2020 10:18
 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
 6/12/2020 5:45:27 PM

Quant Time: Jun 12 07:03:31 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	212786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	318527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	301593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	159588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	127325	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.46	113	102833	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	8.70	98	376087	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.12	95	146426	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	86533	41.323	ug/l	98
3) Chloromethane	1.31	50	97824	38.657	ug/l	99
4) Vinyl Chloride	1.39	62	108865	40.680	ug/l	99
5) Bromomethane	1.62	94	63618	48.892	ug/l	98
6) Chloroethane	1.70	64	72044	46.150	ug/l	97
7) Trichlorofluoromethane	1.91	101	175612	49.967	ug/l	97
8) Diethyl Ether	2.17	74	72662	49.582	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	98176	50.755	ug/l	98
10) Methyl Iodide	2.49	142	109189	47.416	ug/l	100
11) Tert butyl alcohol	3.02	59	153833	227.018	ug/l	100
12) 1,1-Dichloroethene	2.36	96	96495	47.129	ug/l	95
13) Acrolein	2.27	56	70233	243.650	ug/l	98
14) Allyl chloride	2.70	41	159408	42.335	ug/l	96
15) Acrylonitrile	3.11	53	322579	232.393	ug/l	99
16) Acetone	2.42	43	283397	244.782	ug/l	99
17) Carbon Disulfide	2.54	76	241863	39.779	ug/l	99
18) Methyl Acetate	2.75	43	144853	48.782	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	374892	50.991	ug/l	96
20) Methylene Chloride	2.83	84	114150	47.655	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	104377	46.088	ug/l	91
22) Diisopropyl ether	3.82	45	320567	44.317	ug/l	93
23) Vinyl Acetate	3.78	43	1438810	227.247	ug/l	95
24) 1,1-Dichloroethane	3.67	63	187853	46.012	ug/l	100
25) 2-Butanone	4.63	43	424587	216.431	ug/l	94
26) 2,2-Dichloropropane	4.54	77	178384	53.396	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	125527	47.911	ug/l	97
28) Bromochloromethane	4.98	49	93369	49.214	ug/l	83
29) Tetrahydrofuran	5.09	42	273179	215.544	ug/l	92
30) Chloroform	5.17	83	205913	50.055	ug/l	97
31) Cyclohexane	5.54	56	142289	38.740	ug/l	89
32) 1,1,1-Trichloroethane	5.46	97	183193	49.188	ug/l	98
36) 1,1-Dichloropropene	5.76	75	140437	46.566	ug/l	98
37) Ethyl Acetate	4.79	43	159990	44.187	ug/l	97
38) Carbon Tetrachloride	5.75	117	164930	52.039	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	154323	47.111	ug/l	96
40) Benzene	6.11	78	437240	48.685	ug/l	100
41) Methacrylonitrile	4.99	41	88339	44.417	ug/l	95
42) 1,2-Dichloroethane	6.16	62	167642	52.488	ug/l	100
43) Isopropyl Acetate	6.41	43	257157	45.533	ug/l	97
44) Trichloroethene	7.18	130	141953	49.817	ug/l	98
45) 1,2-Dichloropropane	7.49	63	111807	48.901	ug/l	97
46) Dibromomethane	7.63	93	81385	52.996	ug/l	96
47) Bromodichloromethane	7.87	83	172364	54.207	ug/l	99
48) Methyl methacrylate	7.74	41	127781	47.254	ug/l	96
49) 1,4-Dioxane	7.71	88	64216	1014.727	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	831144	236.346	ug/l	97
52) Toluene	8.76	92	285793	50.463	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	195947	54.193	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	202387	52.882	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	123031	54.638	ug/l	96
56) Ethyl methacrylate	9.16	69	190450	51.932	ug/l	95
57) 1,3-Dichloropropane	9.35	76	202839	52.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	468426	244.714	ug/l	94
59) 2-Hexanone	9.47	43	643605	235.344	ug/l	97
60) Dibromochloromethane	9.57	129	145919	57.583	ug/l	100
61) 1,2-Dibromoethane	9.65	107	130650	54.182	ug/l	99
64) Tetrachloroethene	9.32	164	171241	50.750	ug/l	99
65) Chlorobenzene	10.12	112	318442	51.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	129716	55.266	ug/l	99
67) Ethyl Benzene	10.23	91	544781	49.764	ug/l	100
68) m/p-Xylenes	10.34	106	420981	103.718	ug/l	99
69) o-Xylene	10.68	106	200822	51.088	ug/l	99
70) Styrene	10.70	104	365421	54.083	ug/l	99
71) Bromoform	10.84	173	116020	58.489	ug/l #	99
73) Isopropylbenzene	11.00	105	543265	49.131	ug/l	100
74) N-amyl acetate	10.88	43	218602	42.980	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	143767	51.878	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	174823m	49.838	ug/l	
77) Bromobenzene	11.24	156	148643	51.253	ug/l	95
78) n-propylbenzene	11.34	91	602771	48.793	ug/l	99
79) 2-Chlorotoluene	11.40	91	373872	49.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	471697	51.089	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	69497	48.734	ug/l	97
82) 4-Chlorotoluene	11.49	91	443725	49.830	ug/l	99
83) tert-Butylbenzene	11.76	119	395010	50.070	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	468225	50.145	ug/l	100
85) sec-Butylbenzene	11.93	105	487400	49.249	ug/l	99
86) p-Isopropyltoluene	12.05	119	475051	51.243	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	258048	51.358	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	263217	51.221	ug/l	99
89) n-Butylbenzene	12.37	91	392519	50.833	ug/l	99
90) Hexachloroethane	12.58	117	83463	52.123	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	251811	51.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44376	49.437	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	179796	55.613	ug/l	100
94) Hexachlorobutadiene	13.77	225	79835	62.894	ug/l	98
95) Naphthalene	13.82	128	598410	53.993	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	181119	57.183	ug/l	99

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

