

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016920.D
 Acq On : 20 Jun 2020 09:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:22:15 PM

Quant Time: Jun 22 08:05:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	383132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	617772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	566576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	300308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	212838	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	5.47	113	173062	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	
50) Toluene-d8	8.70	98	663200	41.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.90%	
62) 4-Bromofluorobenzene	11.12	95	258182	42.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	213538	45.416	ug/l	98
3) Chloromethane	1.31	50	172061	36.090	ug/l	99
4) Vinyl Chloride	1.39	62	251637	46.831	ug/l	99
5) Bromomethane	1.62	94	100417	31.037	ug/l	97
6) Chloroethane	1.71	64	149646	45.218	ug/l	99
7) Trichlorofluoromethane	1.92	101	326809	43.476	ug/l	99
8) Diethyl Ether	2.17	74	133876	45.807	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	154458	38.576	ug/l	97
10) Methyl Iodide	2.49	142	92419	24.246	ug/l	96
11) Tert butyl alcohol	3.01	59	202977	260.574	ug/l	98
12) 1,1-Dichloroethene	2.36	96	166723	40.721	ug/l	100
13) Acrolein	2.27	56	168880	357.584	ug/l	99
14) Allyl chloride	2.71	41	264241	48.792	ug/l	94
15) Acrylonitrile	3.12	53	469508	263.020	ug/l	99
16) Acetone	2.42	43	361924	216.368	ug/l	99
17) Carbon Disulfide	2.55	76	462347	43.696	ug/l	99
18) Methyl Acetate	2.75	43	231382	54.397	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	574113	49.204	ug/l	100
20) Methylene Chloride	2.84	84	183061	45.636	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	181217	46.889	ug/l	99
22) Diisopropyl ether	3.82	45	543907	52.419	ug/l	96
23) Vinyl Acetate	3.78	43	2246155	262.521	ug/l	98
24) 1,1-Dichloroethane	3.67	63	317259	48.949	ug/l	99
25) 2-Butanone	4.64	43	625727	271.807	ug/l	98
26) 2,2-Dichloropropane	4.55	77	174915	28.805	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	208240	47.939	ug/l	98
28) Bromochloromethane	4.98	49	137997	51.298	ug/l	90
29) Tetrahydrofuran	5.09	42	407900	281.338	ug/l	96
30) Chloroform	5.18	83	329484	48.151	ug/l	97
31) Cyclohexane	5.55	56	339539	59.587	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	320535	49.493	ug/l	99
36) 1,1-Dichloropropene	5.77	75	277397	48.631	ug/l	97
37) Ethyl Acetate	4.79	43	246801	48.970	ug/l	99
38) Carbon Tetrachloride	5.76	117	289500	45.233	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	299771	45.198	ug/l	99
40) Benzene	6.11	78	851080	49.726	ug/l	99
41) Methacrylonitrile	5.00	41	143548	52.465	ug/l	96
42) 1,2-Dichloroethane	6.17	62	283521	46.552	ug/l	100
43) Isopropyl Acetate	6.41	43	486196	55.243	ug/l	98
44) Trichloroethene	7.19	130	233929	44.628	ug/l	98
45) 1,2-Dichloropropane	7.49	63	213569	49.637	ug/l	97
46) Dibromomethane	7.64	93	144425	49.497	ug/l	98
47) Bromodichloromethane	7.88	83	296096	47.713	ug/l	100
48) Methyl methacrylate	7.74	41	230606	55.644	ug/l	97
49) 1,4-Dioxane	7.71	88	98502	1061.774	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1370502	258.903	ug/l	99
52) Toluene	8.77	92	536204	47.225	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	312397	45.790	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	339906	46.571	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	217520	50.740	ug/l	98
56) Ethyl methacrylate	9.16	69	348625	56.175	ug/l	98
57) 1,3-Dichloropropane	9.35	76	366326	50.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	804262	278.515	ug/l	96
59) 2-Hexanone	9.47	43	1047228	273.187	ug/l	99
60) Dibromochloromethane	9.57	129	248257	48.274	ug/l	99
61) 1,2-Dibromoethane	9.65	107	230518	49.550	ug/l	100
64) Tetrachloroethene	9.32	164	210342	40.091	ug/l	97
65) Chlorobenzene	10.12	112	570452	49.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	218097	49.049	ug/l	98
67) Ethyl Benzene	10.24	91	965446	49.874	ug/l	100
68) m/p-Xylenes	10.34	106	757051	100.501	ug/l	100
69) o-Xylene	10.68	106	359683	51.640	ug/l	97
70) Styrene	10.70	104	653285	55.201	ug/l	99
71) Bromoform	10.84	173	196434	52.545	ug/l #	99
73) Isopropylbenzene	11.00	105	988097	51.103	ug/l	100
74) N-amyl acetate	10.88	43	455120	67.408	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	316602	57.988	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	285005m	51.964	ug/l	
77) Bromobenzene	11.24	156	269467	51.101	ug/l	96
78) n-propylbenzene	11.34	91	1101333	51.038	ug/l	100
79) 2-Chlorotoluene	11.40	91	641005	48.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	826629	49.550	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	95387	42.590	ug/l	97
82) 4-Chlorotoluene	11.49	91	775770	48.978	ug/l	100
83) tert-Butylbenzene	11.76	119	790659	47.901	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	897414	52.221	ug/l	99
85) sec-Butylbenzene	11.93	105	891539	46.507	ug/l	99
86) p-Isopropyltoluene	12.05	119	868549	49.450	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	466128	48.384	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	477096	48.967	ug/l	99
89) n-Butylbenzene	12.37	91	702956	46.671	ug/l	99
90) Hexachloroethane	12.58	117	155853	49.259	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	446277	47.984	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	69829	53.941	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	304134	48.698	ug/l	100
94) Hexachlorobutadiene	13.77	225	107354	38.094	ug/l	97
95) Naphthalene	13.82	128	1040542	56.751	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	307037	49.298	ug/l	99

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

