

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016573.D
 Acq On : 03 Jun 2020 17:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:07:39 PM

Quant Time: Jun 04 09:14:15 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	5.63	168	248769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	389109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	151417	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.47	113	122668	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	8.70	98	476135	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.12	95	182602	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118013	48.205	ug/l	98
3) Chloromethane	1.31	50	133848	45.242	ug/l	99
4) Vinyl Chloride	1.39	62	148154	47.353	ug/l	100
5) Bromomethane	1.62	94	70510	46.350	ug/l	98
6) Chloroethane	1.70	64	88897	48.709	ug/l	98
7) Trichlorofluoromethane	1.91	101	208586	50.765	ug/l	97
8) Diethyl Ether	2.17	74	82175	47.962	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111865	49.467	ug/l	98
10) Methyl Iodide	2.49	142	106020	39.898	ug/l	99
11) Tert butyl alcohol	3.01	59	185284	233.881	ug/l	100
12) 1,1-Dichloroethene	2.36	96	116857	48.819	ug/l	97
13) Acrolein	2.27	56	91141	270.449	ug/l	95
14) Allyl chloride	2.71	41	203937	46.327	ug/l	98
15) Acrylonitrile	3.12	53	388717	239.534	ug/l	99
16) Acetone	2.42	43	313895	231.908	ug/l	100
17) Carbon Disulfide	2.55	76	323775	45.548	ug/l	100
18) Methyl Acetate	2.75	43	169834	48.922	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	428382	49.838	ug/l	97
20) Methylene Chloride	2.84	84	132320	47.251	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	129499	48.910	ug/l	94
22) Diisopropyl ether	3.82	45	390701	46.200	ug/l	99
23) Vinyl Acetate	3.78	43	1760136	237.787	ug/l	97
24) 1,1-Dichloroethane	3.67	63	229709	48.126	ug/l	100
25) 2-Butanone	4.64	43	530132	231.145	ug/l	97
26) 2,2-Dichloropropane	4.55	77	203361	52.068	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	146677	47.886	ug/l	99
28) Bromochloromethane	4.98	49	98286	44.312	ug/l	91
29) Tetrahydrofuran	5.09	42	345979	233.499	ug/l	96
30) Chloroform	5.18	83	240461	49.999	ug/l	100
31) Cyclohexane	5.55	56	195335	45.490	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	219998	50.527	ug/l	99
36) 1,1-Dichloropropene	5.77	75	176969	48.036	ug/l	99
37) Ethyl Acetate	4.79	43	199992	45.215	ug/l	97
38) Carbon Tetrachloride	5.76	117	195607	50.523	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	203247	50.792	ug/l	98
40) Benzene	6.11	78	535392	48.800	ug/l	98
41) Methacrylonitrile	5.00	41	109681	45.145	ug/l	97
42) 1,2-Dichloroethane	6.17	62	189037	48.451	ug/l	99
43) Isopropyl Acetate	6.42	43	322474	46.741	ug/l	98
44) Trichloroethene	7.19	130	161181	46.304	ug/l	97
45) 1,2-Dichloropropane	7.49	63	135701	48.586	ug/l	99
46) Dibromomethane	7.64	93	94252	50.241	ug/l	97
47) Bromodichloromethane	7.88	83	195392	50.302	ug/l	98
48) Methyl methacrylate	7.74	41	155964	47.214	ug/l	97
49) 1,4-Dioxane	7.71	88	73347	948.776	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1034031	240.702	ug/l	98
52) Toluene	8.77	92	350012	50.592	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	226831	51.355	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237352	50.769	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	139134	50.581	ug/l	97
56) Ethyl methacrylate	9.16	69	227562	50.796	ug/l	97
57) 1,3-Dichloropropane	9.35	76	237969	50.401	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	562981	240.761	ug/l	97
59) 2-Hexanone	9.48	43	803712	240.580	ug/l	98
60) Dibromochloromethane	9.57	129	162954	52.641	ug/l	99
61) 1,2-Dibromoethane	9.65	107	149173	50.642	ug/l	99
64) Tetrachloroethene	9.32	164	172436	42.080	ug/l	98
65) Chlorobenzene	10.12	112	374241	50.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	148826	52.212	ug/l	97
67) Ethyl Benzene	10.24	91	663391	49.898	ug/l	100
68) m/p-Xylenes	10.34	106	503668	102.177	ug/l	99
69) o-Xylene	10.68	106	241794	50.650	ug/l	97
70) Styrene	10.70	104	422022	51.431	ug/l	99
71) Bromoform	10.84	173	129462	53.741	ug/l #	100
73) Isopropylbenzene	11.00	105	650049	50.188	ug/l	100
74) N-amyl acetate	10.88	43	279263	46.874	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	183636	56.571	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	198108m	48.215	ug/l	
77) Bromobenzene	11.24	156	168832	49.699	ug/l	97
78) n-propylbenzene	11.34	91	728253	50.327	ug/l	99
79) 2-Chlorotoluene	11.41	91	437758	49.561	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	556653	51.471	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80765	48.351	ug/l	98
82) 4-Chlorotoluene	11.49	91	520733	49.924	ug/l	99
83) tert-Butylbenzene	11.76	119	502493	54.377	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	563100	51.484	ug/l	100
85) sec-Butylbenzene	11.93	105	613481	52.921	ug/l	100
86) p-Isopropyltoluene	12.05	119	582928	53.682	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	299140	50.827	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	298305	49.558	ug/l	98
89) n-Butylbenzene	12.37	91	484167	53.530	ug/l	99
90) Hexachloroethane	12.58	117	98733	52.639	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	283021	49.635	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51244	48.737	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	211030	55.725	ug/l	98
94) Hexachlorobutadiene	13.77	225	87393	58.777	ug/l	99
95) Naphthalene	13.82	128	683369	52.639	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	203812	54.935	ug/l	98

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

