

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070120\
 Data File : VX017137.D
 Acq On : 02 Jul 2020 06:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:15:43 AM

Quant Time: Jul 02 07:12:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	227225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	341792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	145932	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	5.47	113	119020	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	8.70	98	437565	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	11.12	95	171532	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	109511	49.817	ug/l	99
3) Chloromethane	1.31	50	118927	44.694	ug/l	98
4) Vinyl Chloride	1.39	62	115525	46.794	ug/l	99
5) Bromomethane	1.62	94	63737	48.865	ug/l	97
6) Chloroethane	1.71	64	70403	48.285	ug/l	99
7) Trichlorofluoromethane	1.92	101	189398	51.872	ug/l	96
8) Diethyl Ether	2.17	74	66023	53.714	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109255	49.925	ug/l	98
10) Methyl Iodide	2.49	142	133331	47.217	ug/l	98
11) Tert butyl alcohol	3.02	59	143698	268.900	ug/l	100
12) 1,1-Dichloroethene	2.36	96	110551	49.176	ug/l	99
13) Acrolein	2.27	56	52721	165.037	ug/l	98
14) Allyl chloride	2.71	41	189419	45.593	ug/l	98
15) Acrylonitrile	3.12	53	331731	258.226	ug/l	99
16) Acetone	2.42	43	280179	267.368	ug/l	99
17) Carbon Disulfide	2.55	76	311974	49.730	ug/l	100
18) Methyl Acetate	2.75	43	150282	54.936	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	388103	51.439	ug/l	100
20) Methylene Chloride	2.83	84	127420	53.066	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	124906	50.067	ug/l	97
22) Diisopropyl ether	3.82	45	393106	51.122	ug/l	99
23) Vinyl Acetate	3.79	43	1687560	255.395	ug/l	100
24) 1,1-Dichloroethane	3.67	63	217591	49.732	ug/l	99
25) 2-Butanone	4.64	43	458138	262.379	ug/l	98
26) 2,2-Dichloropropane	4.56	77	128423	33.057	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	136246	48.199	ug/l	97
28) Bromochloromethane	4.98	49	99145	46.567	ug/l	98
29) Tetrahydrofuran	5.09	42	296972	257.412	ug/l	98
30) Chloroform	5.18	83	228869	51.029	ug/l	98
31) Cyclohexane	5.55	56	182081	48.146	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	208792	50.548	ug/l	99
36) 1,1-Dichloropropene	5.77	75	163896	48.597	ug/l	99
37) Ethyl Acetate	4.80	43	176352	51.537	ug/l	100
38) Carbon Tetrachloride	5.75	117	189863	51.112	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	179245	47.768	ug/l	99
40) Benzene	6.12	78	489427	49.391	ug/l	98
41) Methacrylonitrile	5.01	41	97632	50.694	ug/l	99
42) 1,2-Dichloroethane	6.16	62	184601	51.575	ug/l	99
43) Isopropyl Acetate	6.42	43	283293	49.822	ug/l	99
44) Trichloroethene	7.19	130	142350	52.071	ug/l	100
45) 1,2-Dichloropropane	7.49	63	126336	49.639	ug/l	98
46) Dibromomethane	7.64	93	89225	51.350	ug/l	97
47) Bromodichloromethane	7.88	83	188032	52.510	ug/l	99
48) Methyl methacrylate	7.74	41	143876	53.259	ug/l	99
49) 1,4-Dioxane	7.71	88	64086	1047.150	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	908356	267.993	ug/l	100
52) Toluene	8.77	92	312832	50.565	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	192261	48.663	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	201518	47.581	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	130974	51.815	ug/l	99
56) Ethyl methacrylate	9.16	69	193764	53.857	ug/l	99
57) 1,3-Dichloropropane	9.35	76	218984	51.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	496818	277.462	ug/l	99
59) 2-Hexanone	9.47	43	692163	279.611	ug/l	99
60) Dibromochloromethane	9.57	129	157318	53.585	ug/l	100
61) 1,2-Dibromoethane	9.65	107	141724	52.161	ug/l	99
64) Tetrachloroethene	9.32	164	139661	50.630	ug/l	96
65) Chlorobenzene	10.12	112	344013	48.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	138071	50.786	ug/l	99
67) Ethyl Benzene	10.24	91	604931	51.349	ug/l	100
68) m/p-Xylenes	10.34	106	466485	103.125	ug/l	97
69) o-Xylene	10.68	106	220036	51.133	ug/l	99
70) Styrene	10.70	104	395935	54.032	ug/l	100
71) Bromoform	10.84	173	120906	56.082	ug/l #	98
73) Isopropylbenzene	11.00	105	603207	48.684	ug/l	99
74) N-amyl acetate	10.88	43	254231	48.088	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	185605	47.622	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	177998m	47.852	ug/l	
77) Bromobenzene	11.24	156	161789	47.511	ug/l	98
78) n-propylbenzene	11.34	91	681605	48.647	ug/l	99
79) 2-Chlorotoluene	11.40	91	414453	48.875	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	523091	50.897	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	59877	41.686	ug/l	94
82) 4-Chlorotoluene	11.49	91	494803	48.811	ug/l	100
83) tert-Butylbenzene	11.76	119	503612	49.918	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	528848	50.722	ug/l	100
85) sec-Butylbenzene	11.93	105	587138	49.509	ug/l	100
86) p-Isopropyltoluene	12.05	119	553507	50.137	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	289858	46.867	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	297088	50.940	ug/l	99
89) n-Butylbenzene	12.37	91	464488	47.120	ug/l	99
90) Hexachloroethane	12.58	117	103708	47.636	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	281004	48.607	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44526	47.890	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	182317	46.205	ug/l	98
94) Hexachlorobutadiene	13.77	225	75413	50.352	ug/l	94
95) Naphthalene	13.82	128	611339	50.962	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	186270	48.779	ug/l	99

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

