

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017294.D
 Acq On : 09 Jul 2020 06:14
 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
 7/9/2020 11:00:08 AM

Quant Time: Jul 09 06:43:38 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	272689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	421913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177075	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	5.46	113	144059	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
50) Toluene-d8	8.70	98	513702	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.12	95	206838	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	127092	48.175	ug/l	98
3) Chloromethane	1.31	50	132694	41.554	ug/l	98
4) Vinyl Chloride	1.39	62	135594	45.766	ug/l	98
5) Bromomethane	1.62	94	74763	47.762	ug/l	100
6) Chloroethane	1.70	64	87405	49.951	ug/l	99
7) Trichlorofluoromethane	1.91	101	242577	55.360	ug/l	99
8) Diethyl Ether	2.17	74	82411	55.854	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	137736	52.446	ug/l	98
10) Methyl Iodide	2.49	142	139075	41.040	ug/l	99
11) Tert butyl alcohol	3.02	59	178899	278.957	ug/l	98
12) 1,1-Dichloroethene	2.36	96	133728	49.568	ug/l	99
13) Acrolein	2.28	56	112715	294.014	ug/l	99
14) Allyl chloride	2.70	41	235745	47.283	ug/l	99
15) Acrylonitrile	3.12	53	434725	281.979	ug/l	99
16) Acetone	2.42	43	366534	291.459	ug/l	99
17) Carbon Disulfide	2.55	76	351046	46.631	ug/l	99
18) Methyl Acetate	2.75	43	201536	61.389	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	506437	55.931	ug/l	99
20) Methylene Chloride	2.84	84	161142	55.964	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	152010	50.772	ug/l	97
22) Diisopropyl ether	3.82	45	487735	52.853	ug/l	98
23) Vinyl Acetate	3.79	43	2161959	272.639	ug/l	99
24) 1,1-Dichloroethane	3.67	63	273897	52.164	ug/l	99
25) 2-Butanone	4.64	43	580263	276.914	ug/l	99
26) 2,2-Dichloropropane	4.55	77	162027	34.754	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	169453	49.952	ug/l	98
28) Bromochloromethane	4.98	49	119088	46.608	ug/l	97
29) Tetrahydrofuran	5.09	42	379116	273.826	ug/l	99
30) Chloroform	5.18	83	291851	54.222	ug/l	98
31) Cyclohexane	5.55	56	216572	47.718	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	266581	53.778	ug/l	99
36) 1,1-Dichloropropene	5.77	75	203044	50.919	ug/l	98
37) Ethyl Acetate	4.80	43	227094	56.130	ug/l	100
38) Carbon Tetrachloride	5.75	117	242232	55.153	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	215600	48.595	ug/l	98
40) Benzene	6.12	78	607256	51.830	ug/l	99
41) Methacrylonitrile	5.00	41	124152	54.522	ug/l	97
42) 1,2-Dichloroethane	6.16	62	239318	56.550	ug/l	100
43) Isopropyl Acetate	6.42	43	369252	54.923	ug/l	99
44) Trichloroethene	7.19	130	177888	55.053	ug/l	100
45) 1,2-Dichloropropane	7.49	63	158811	52.775	ug/l	100
46) Dibromomethane	7.64	93	113524	55.257	ug/l	96
47) Bromodichloromethane	7.88	83	235357	55.589	ug/l	99
48) Methyl methacrylate	7.74	41	184632	57.805	ug/l	98
49) 1,4-Dioxane	7.71	88	73293	1012.882	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1162819	290.155	ug/l	100
52) Toluene	8.77	92	393394	53.779	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	243166	52.055	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	256831	51.288	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	169056	56.566	ug/l	98
56) Ethyl methacrylate	9.16	69	250830	58.965	ug/l	100
57) 1,3-Dichloropropane	9.35	76	272742	53.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	583546	275.634	ug/l	99
59) 2-Hexanone	9.48	43	892292	304.862	ug/l	100
60) Dibromochloromethane	9.57	129	201539	58.060	ug/l	99
61) 1,2-Dibromoethane	9.65	107	179961	56.019	ug/l	100
64) Tetrachloroethene	9.32	164	170130	51.817	ug/l	97
65) Chlorobenzene	10.12	112	433190	51.592	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	178694	55.222	ug/l	99
67) Ethyl Benzene	10.23	91	754788	53.828	ug/l	100
68) m/p-Xylenes	10.34	106	588238	109.255	ug/l	99
69) o-Xylene	10.68	106	279316	54.534	ug/l	99
70) Styrene	10.70	104	495924	56.859	ug/l	99
71) Bromoform	10.84	173	158638	61.822	ug/l	99
73) Isopropylbenzene	11.00	105	758986	49.702	ug/l	100
74) N-amyl acetate	10.88	43	334481	51.333	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	247692	51.565	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	237265m	51.754	ug/l	
77) Bromobenzene	11.24	156	210674	50.197	ug/l	95
78) n-propylbenzene	11.34	91	858674	49.725	ug/l	99
79) 2-Chlorotoluene	11.40	91	530034	50.715	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	652811	51.538	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	78344	44.254	ug/l	95
82) 4-Chlorotoluene	11.49	91	625822	50.091	ug/l	100
83) tert-Butylbenzene	11.76	119	639798	51.455	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	669005	52.061	ug/l	100
85) sec-Butylbenzene	11.93	105	744356	50.927	ug/l	99
86) p-Isopropyltoluene	12.05	119	706858	51.950	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	377420	49.514	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	386994	53.851	ug/l	99
89) n-Butylbenzene	12.37	91	575912	47.403	ug/l	99
90) Hexachloroethane	12.58	117	137364	51.194	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	363042	50.953	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60188	52.525	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	242164	49.795	ug/l	100
94) Hexachlorobutadiene	13.77	225	94651	51.261	ug/l	96
95) Naphthalene	13.82	128	792726	53.617	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	246397	52.354	ug/l	98

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

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