

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030719\
 Data File : VX007918.D
 Acq On : 08 Mar 2019 07:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:40:10 AM

Quant Time: Mar 08 08:39:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 06:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	255176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	378489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168840	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	137771	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
35) Dibromofluoromethane	5.51	113	121774	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
50) Toluene-d8	8.71	98	459904	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.13	95	163063	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	103379	47.419	ug/l	100
3) Chloromethane	1.33	50	145052	51.629	ug/l	99
4) Vinyl Chloride	1.41	62	141864	50.819	ug/l	100
5) Bromomethane	1.64	94	65320	49.858	ug/l	97
6) Chloroethane	1.72	64	88185	47.552	ug/l	97
7) Trichlorofluoromethane	1.93	101	178374	49.077	ug/l	98
8) Diethyl Ether	2.19	74	80555	51.183	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104605	46.444	ug/l	100
10) Methyl Iodide	2.51	142	172617	54.023	ug/l	100
11) Tert butyl alcohol	3.07	59	155166	257.755	ug/l	100
12) 1,1-Dichloroethene	2.38	96	108164	49.821	ug/l	95
13) Acrolein	2.30	56	70606	207.519	ug/l	99
14) Allyl chloride	2.73	41	217634	47.705	ug/l	99
15) Acrylonitrile	3.15	53	384586	253.103	ug/l	100
16) Acetone	2.45	43	321279	206.204	ug/l	98
17) Carbon Disulfide	2.57	76	330745	50.168	ug/l	100
18) Methyl Acetate	2.78	43	181132	54.722	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	387070	51.824	ug/l	100
20) Methylene Chloride	2.86	84	125666	50.678	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	116446	48.745	ug/l	99
22) Diisopropyl ether	3.87	45	424416	50.751	ug/l	99
23) Vinyl Acetate	3.82	43	1826017	248.996	ug/l	100
24) 1,1-Dichloroethane	3.70	63	227598	50.573	ug/l	100
25) 2-Butanone	4.70	43	530588	240.540	ug/l	100
26) 2,2-Dichloropropane	4.59	77	94384	31.656	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	135184	49.453	ug/l	97
28) Bromochloromethane	5.02	49	113352	54.025	ug/l	100
29) Tetrahydrofuran	5.15	42	354031	257.306	ug/l	100
30) Chloroform	5.21	83	214853	50.469	ug/l	100
31) Cyclohexane	5.57	56	199637	48.266	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	179075	50.699	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160931	46.958	ug/l	99
37) Ethyl Acetate	4.85	43	199080	48.950	ug/l	99
38) Carbon Tetrachloride	5.78	117	156504	48.102	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	189609	45.659	ug/l	99
40) Benzene	6.14	78	505600	49.555	ug/l	100
41) Methacrylonitrile	5.06	41	111268	50.181	ug/l	99
42) 1,2-Dichloroethane	6.20	62	164197	49.210	ug/l	100
43) Isopropyl Acetate	6.46	43	306498	50.922	ug/l	100
44) Trichloroethene	7.21	130	136241	48.455	ug/l	99
45) 1,2-Dichloropropane	7.52	63	135374	50.236	ug/l	100
46) Dibromomethane	7.66	93	84437	49.512	ug/l	99
47) Bromodichloromethane	7.90	83	162139	50.147	ug/l	98
48) Methyl methacrylate	7.77	41	163102	51.541	ug/l	99
49) 1,4-Dioxane	7.75	88	64994	999.809	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1004622	259.537	ug/l	100
52) Toluene	8.79	92	314909	50.555	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	165020	48.899	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	186482	48.933	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	130744	51.850	ug/l	99
56) Ethyl methacrylate	9.18	69	203575	53.770	ug/l	98
57) 1,3-Dichloropropane	9.37	76	216292	51.086	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	537060	274.230	ug/l	99
59) 2-Hexanone	9.49	43	748094	248.931	ug/l	100
60) Dibromochloromethane	9.58	129	136246	51.693	ug/l	98
61) 1,2-Dibromoethane	9.67	107	137365	51.309	ug/l	100
64) Tetrachloroethene	9.33	164	135715	48.640	ug/l	98
65) Chlorobenzene	10.14	112	347943	49.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	127856	50.633	ug/l	100
67) Ethyl Benzene	10.25	91	582699	50.242	ug/l	100
68) m/p-Xylenes	10.36	106	448963	100.431	ug/l	98
69) o-Xylene	10.70	106	220309	51.046	ug/l	99
70) Styrene	10.71	104	362267	51.295	ug/l	99
71) Bromoform	10.86	173	109527	50.508	ug/l	# 100
73) Isopropylbenzene	11.02	105	584560	51.192	ug/l	100
74) N-amyl acetate	10.90	43	263896	50.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191725	48.676	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	178429m	50.361	ug/l	
77) Bromobenzene	11.26	156	155101	49.542	ug/l	99
78) n-propylbenzene	11.36	91	643378	50.788	ug/l	100
79) 2-Chlorotoluene	11.42	91	387713	50.057	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	480806	51.158	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48447	43.709	ug/l	97
82) 4-Chlorotoluene	11.51	91	442248	49.823	ug/l	100
83) tert-Butylbenzene	11.77	119	484214	51.148	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	490777	50.939	ug/l	99
85) sec-Butylbenzene	11.94	105	569819	51.106	ug/l	99
86) p-Isopropyltoluene	12.07	119	511741	51.249	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	268907	48.552	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	268391	47.318	ug/l	100
89) n-Butylbenzene	12.39	91	424364	50.163	ug/l	99
90) Hexachloroethane	12.60	117	85298	51.091	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	268834	48.860	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39820	48.374	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	190738	49.347	ug/l	100
94) Hexachlorobutadiene	13.78	225	100507	49.735	ug/l	99
95) Naphthalene	13.83	128	577336	51.839	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192084	49.886	ug/l	100

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

