

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031419\
 Data File : VX008100.D
 Acq On : 15 Mar 2019 05:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:06:32 AM

Quant Time: Mar 15 05:50:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	125189	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.51	113	116435	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.71	98	429734	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
62) 4-Bromofluorobenzene	11.13	95	151063	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	96806	46.876	ug/l	98
3) Chloromethane	1.33	50	97561	40.123	ug/l	100
4) Vinyl Chloride	1.41	62	101070	43.562	ug/l	100
5) Bromomethane	1.64	94	53697	47.582	ug/l	100
6) Chloroethane	1.72	64	61380	49.132	ug/l	98
7) Trichlorofluoromethane	1.93	101	133200	47.834	ug/l	99
8) Diethyl Ether	2.19	74	73527	53.118	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102664	49.329	ug/l	96
10) Methyl Iodide	2.51	142	172039	59.172	ug/l	97
11) Tert butyl alcohol	3.07	59	134081	266.669	ug/l	100
12) 1,1-Dichloroethene	2.37	96	104579	53.165	ug/l	93
13) Acrolein	2.30	56	95449	206.090	ug/l	98
14) Allyl chloride	2.73	41	175579	49.005	ug/l	96
15) Acrylonitrile	3.15	53	320647	261.529	ug/l	99
16) Acetone	2.45	43	259877	211.516	ug/l	99
17) Carbon Disulfide	2.57	76	296151	52.435	ug/l	99
18) Methyl Acetate	2.78	43	144570	54.441	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	350450	52.694	ug/l	97
20) Methylene Chloride	2.86	84	114734	52.286	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	111251	52.492	ug/l	91
22) Diisopropyl ether	3.87	45	369214	51.854	ug/l	97
23) Vinyl Acetate	3.82	43	1585913	261.894	ug/l	97
24) 1,1-Dichloroethane	3.70	63	208662	53.461	ug/l	99
25) 2-Butanone	4.70	43	456883	242.263	ug/l	96
26) 2,2-Dichloropropane	4.59	77	108840	36.501	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	130441	51.776	ug/l	93
28) Bromochloromethane	5.02	49	94831	51.443	ug/l	88
29) Tetrahydrofuran	5.15	42	302780	257.186	ug/l	94
30) Chloroform	5.21	83	204446	51.712	ug/l	99
31) Cyclohexane	5.57	56	184817	49.667	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	174440	52.381	ug/l	98
36) 1,1-Dichloropropene	5.80	75	152355	48.457	ug/l	98
37) Ethyl Acetate	4.85	43	172027	50.908	ug/l	98
38) Carbon Tetrachloride	5.78	117	154267	50.975	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181313	45.115	ug/l	98
40) Benzene	6.14	78	481017	49.939	ug/l	99
41) Methacrylonitrile	5.06	41	96389	48.992	ug/l	97
42) 1,2-Dichloroethane	6.20	62	152610	49.528	ug/l	99
43) Isopropyl Acetate	6.46	43	266630	48.995	ug/l	97
44) Trichloroethene	7.21	130	140164	50.422	ug/l	95
45) 1,2-Dichloropropane	7.51	63	123438	48.577	ug/l	99
46) Dibromomethane	7.66	93	81513	51.180	ug/l	97
47) Bromodichloromethane	7.90	83	150032	49.532	ug/l	99
48) Methyl methacrylate	7.77	41	138555	48.749	ug/l	95
49) 1,4-Dioxane	7.75	88	61270	999.495	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	854391	238.215	ug/l	97
52) Toluene	8.79	92	299035	48.841	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157362	47.392	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	177392	48.070	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	123386	49.493	ug/l	98
56) Ethyl methacrylate	9.18	69	184789	50.180	ug/l	94
57) 1,3-Dichloropropane	9.37	76	200117	48.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	514816	237.633	ug/l	96
59) 2-Hexanone	9.49	43	649081	231.402	ug/l	97
60) Dibromochloromethane	9.59	129	128379	49.964	ug/l	98
61) 1,2-Dibromoethane	9.67	107	131396	50.300	ug/l	100
64) Tetrachloroethene	9.34	164	140696	51.421	ug/l	97
65) Chlorobenzene	10.14	112	330242	49.279	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	123743	52.030	ug/l	100
67) Ethyl Benzene	10.25	91	551873	49.753	ug/l	99
68) m/p-Xylenes	10.36	106	428556	100.969	ug/l	100
69) o-Xylene	10.70	106	210059	50.768	ug/l	98
70) Styrene	10.71	104	348570	51.424	ug/l	99
71) Bromoform	10.85	173	102700	52.180	ug/l #	99
73) Isopropylbenzene	11.02	105	558284	50.986	ug/l	100
74) N-amyl acetate	10.90	43	222996	48.278	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	175190	48.830	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	168717m	56.825	ug/l	
77) Bromobenzene	11.26	156	150791	50.453	ug/l	96
78) n-propylbenzene	11.36	91	603574	50.243	ug/l	99
79) 2-Chlorotoluene	11.42	91	363771	49.583	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	459780	50.957	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47939	45.946	ug/l	97
82) 4-Chlorotoluene	11.51	91	419027	49.869	ug/l	99
83) tert-Butylbenzene	11.77	119	456736	50.513	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	473296	50.853	ug/l	100
85) sec-Butylbenzene	11.94	105	546847	50.761	ug/l	100
86) p-Isopropyltoluene	12.06	119	494560	50.760	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	264537	49.733	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	263258	48.740	ug/l	100
89) n-Butylbenzene	12.39	91	385649	47.304	ug/l	99
90) Hexachloroethane	12.60	117	78450	50.311	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	263798	49.986	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37531	51.741	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	185592	49.646	ug/l	99
94) Hexachlorobutadiene	13.78	225	95478	47.009	ug/l	99
95) Naphthalene	13.83	128	565747	53.822	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188816	51.307	ug/l	100

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

