

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX005043.D
 Acq On : 05 Oct 2018 02:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:54 PM

Quant Time: Oct 05 05:25:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161345	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	5.50	113	124321	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	8.72	98	467082	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.14	95	175475	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	154088	53.850	ug/l	98
3) Chloromethane	1.32	50	175020	50.415	ug/l	96
4) Vinyl Chloride	1.40	62	174477	53.586	ug/l	98
5) Bromomethane	1.64	94	121982	63.178	ug/l	95
6) Chloroethane	1.71	64	100856	57.172	ug/l	93
7) Trichlorofluoromethane	1.92	101	225622	55.973	ug/l	96
8) Diethyl Ether	2.19	74	93327	53.295	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122578	53.385	ug/l	99
10) Methyl Iodide	2.50	142	141085	45.918	ug/l	94
11) Tert butyl alcohol	3.09	59	234035	279.200	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119772	52.672	ug/l	96
13) Acrolein	2.29	56	39966	67.012	ug/l	88
14) Allyl chloride	2.73	41	272666	54.956	ug/l	96
15) Acrylonitrile	3.15	53	522175	282.979	ug/l	97
16) Acetone	2.45	43	458138	261.760	ug/l	93
17) Carbon Disulfide	2.56	76	325060	47.573	ug/l	99
18) Methyl Acetate	2.78	43	294742	66.467	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	460733	58.740	ug/l	96
20) Methylene Chloride	2.85	84	143990	56.696	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	127699	51.301	ug/l	85
22) Diisopropyl ether	3.87	45	467920	56.007	ug/l	97
23) Vinyl Acetate	3.82	43	2009648	262.782	ug/l	99
24) 1,1-Dichloroethane	3.70	63	264307	53.034	ug/l	98
25) 2-Butanone	4.71	43	688821	266.997	ug/l	98
26) 2,2-Dichloropropane	4.58	77	135502	39.045	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	144791	52.068	ug/l	97
28) Bromochloromethane	5.02	49	116168	49.499	ug/l	99
29) Tetrahydrofuran	5.16	42	449910	280.582	ug/l	98
30) Chloroform	5.21	83	244092	51.823	ug/l	99
31) Cyclohexane	5.57	56	203938	53.466	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	203763	52.972	ug/l	95
36) 1,1-Dichloropropene	5.79	75	174642	47.810	ug/l	94
37) Ethyl Acetate	4.86	43	239726	49.441	ug/l	98
38) Carbon Tetrachloride	5.78	117	178390	46.459	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192638	51.647	ug/l #	85
40) Benzene	6.14	78	555134	48.544	ug/l	95
41) Methacrylonitrile	5.06	41	138025	51.330	ug/l	98
42) 1,2-Dichloroethane	6.20	62	202863	50.180	ug/l	97
43) Isopropyl Acetate	6.46	43	365379	52.209	ug/l	96
44) Trichloroethene	7.21	130	143359	50.994	ug/l	96
45) 1,2-Dichloropropane	7.52	63	149776	53.407	ug/l	99
46) Dibromomethane	7.66	93	94949	53.873	ug/l	99
47) Bromodichloromethane	7.90	83	181491	55.001	ug/l	100
48) Methyl methacrylate	7.78	41	191418	60.261	ug/l	99
49) 1,4-Dioxane	7.76	88	84789	1074.420	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1320853	299.750	ug/l	99
52) Toluene	8.79	92	338054	53.798	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	196054	52.577	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	213020	54.540	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	144163	52.375	ug/l	96
56) Ethyl methacrylate	9.18	69	229792	51.364	ug/l	97
57) 1,3-Dichloropropane	9.37	76	242211	52.872	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	633157	266.000	ug/l	100
59) 2-Hexanone	9.50	43	1046337	284.947	ug/l	95
60) Dibromochloromethane	9.59	129	148702	54.020	ug/l	99
61) 1,2-Dibromoethane	9.68	107	150238	50.966	ug/l	95
64) Tetrachloroethene	9.34	164	150549	50.653	ug/l	96
65) Chlorobenzene	10.14	112	383075	49.470	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	140109	51.466	ug/l	99
67) Ethyl Benzene	10.26	91	642544	52.265	ug/l	96
68) m/p-Xylenes	10.36	106	501042	104.294	ug/l	95
69) o-Xylene	10.70	106	244629	55.439	ug/l	99
70) Styrene	10.71	104	417483	50.561	ug/l	100
71) Bromoform	10.86	173	124242	53.308	ug/l	96
73) Isopropylbenzene	11.02	105	649415	55.597	ug/l	99
74) N-amyl acetate	10.90	43	326103	50.765	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	239995	50.474	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	220155m	53.003	ug/l	
77) Bromobenzene	11.26	156	178267	52.543	ug/l	99
78) n-propylbenzene	11.36	91	738569	55.108	ug/l	99
79) 2-Chlorotoluene	11.42	91	455049	54.471	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	554482	51.799	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62891	41.642	ug/l	99
82) 4-Chlorotoluene	11.51	91	533156	54.222	ug/l	99
83) tert-Butylbenzene	11.77	119	542089	56.367	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	576980	52.269	ug/l	98
85) sec-Butylbenzene	11.94	105	641911	54.798	ug/l	100
86) p-Isopropyltoluene	12.07	119	578826	54.540	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	326398	51.521	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	331591	50.703	ug/l	100
89) n-Butylbenzene	12.39	91	507945	52.699	ug/l	100
90) Hexachloroethane	12.60	117	92341	52.258	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	333042	50.304	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56288	53.915	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	245937	52.955	ug/l	100
94) Hexachlorobutadiene	13.79	225	113305	47.048	ug/l	100
95) Naphthalene	13.83	128	807663	52.361	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	252736	52.680	ug/l	100

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

