

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091518\
 Data File : VX004599.D
 Acq On : 15 Sep 2018 22:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 6:27:28 PM

Quant Time: Sep 17 08:47:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	268794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	166187	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.51	113	153591	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.71	98	511365	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.14	95	186759	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122130	48.48	ug/l	99
3) Chloromethane	1.32	50	156450	45.13	ug/l	99
4) Vinyl Chloride	1.40	62	172967	48.61	ug/l	92
5) Bromomethane	1.64	94	66454	44.47	ug/l	100
6) Chloroethane	1.71	64	109352	47.52	ug/l	97
7) Trichlorofluoromethane	1.92	101	218217	46.26	ug/l	92
8) Diethyl Ether	2.19	74	103182	48.79	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142068	47.48	ug/l	98
10) Methyl Iodide	2.51	142	120339	35.03	ug/l	97
11) Tert butyl alcohol	3.07	59	195215	236.05	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136027	48.43	ug/l	87
13) Acrolein	2.29	56	89937	275.50	ug/l	100
14) Allyl chloride	2.73	41	273539	47.37	ug/l	92
15) Acrylonitrile	3.15	53	487646	244.86	ug/l	99
16) Acetone	2.45	43	361764	213.86	ug/l	97
17) Carbon Disulfide	2.57	76	380532	46.87	ug/l	100
18) Methyl Acetate	2.78	43	233085	49.11	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	487694	49.49	ug/l	99
20) Methylene Chloride	2.85	84	156023	44.96	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	145264	46.81	ug/l	93
22) Diisopropyl ether	3.87	45	506279	48.68	ug/l	94
23) Vinyl Acetate	3.82	43	2120449	251.96	ug/l	99
24) 1,1-Dichloroethane	3.70	63	276717	47.13	ug/l	98
25) 2-Butanone	4.70	43	609073	226.24	ug/l	91
26) 2,2-Dichloropropane	4.58	77	175916	43.62	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	169957	49.06	ug/l	99
28) Bromochloromethane	5.01	49	131741	49.05	ug/l	99
29) Tetrahydrofuran	5.15	42	396058	243.94	ug/l	98
30) Chloroform	5.21	83	279457	48.75	ug/l	90
31) Cyclohexane	5.57	56	254787	50.82	ug/l	# 90
32) 1,1,1-Trichloroethane	5.49	97	228629	49.52	ug/l	99
36) 1,1-Dichloropropene	5.79	75	210734	50.86	ug/l	99
37) Ethyl Acetate	4.85	43	229516	48.70	ug/l	99
38) Carbon Tetrachloride	5.78	117	203317	50.24	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220728	51.05	ug/l	98
40) Benzene	6.15	78	623955	50.75	ug/l	96
41) Methacrylonitrile	5.06	41	126057	48.55	ug/l	98
42) 1,2-Dichloroethane	6.20	62	190813	46.79	ug/l	99
43) Isopropyl Acetate	6.46	43	317517	50.72	ug/l	99
44) Trichloroethene	7.21	130	155788	48.77	ug/l	97
45) 1,2-Dichloropropane	7.52	63	148343	50.14	ug/l	97
46) Dibromomethane	7.66	93	92613	49.55	ug/l	99
47) Bromodichloromethane	7.90	83	176951	50.06	ug/l	99
48) Methyl methacrylate	7.77	41	158621	51.20	ug/l	98
49) 1,4-Dioxane	7.76	88	74165	1011.52	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1014912	229.75	ug/l	99
52) Toluene	8.79	92	352245	48.63	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	208186	50.42	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	216574	51.46	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	163689	52.48	ug/l	98
56) Ethyl methacrylate	9.18	69	250240	56.71	ug/l	95
57) 1,3-Dichloropropane	9.37	76	253732	50.07	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	549885	244.76	ug/l	96
59) 2-Hexanone	9.50	43	838518	247.47	ug/l	98
60) Dibromochloromethane	9.59	129	180711	61.54	ug/l	98
61) 1,2-Dibromoethane	9.68	107	187878	63.06	ug/l	97
64) Tetrachloroethene	9.34	164	201180	50.52	ug/l	94
65) Chlorobenzene	10.14	112	397699	50.20	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	141071	51.64	ug/l	99
67) Ethyl Benzene	10.26	91	670156	52.03	ug/l	99
68) m/p-Xylenes	10.36	106	525343	105.88	ug/l	98
69) o-Xylene	10.70	106	254051	53.26	ug/l	99
70) Styrene	10.71	104	427658	54.11	ug/l	99
71) Bromoform	10.86	173	116344	51.87	ug/l #	100
73) Isopropylbenzene	11.02	105	687278	44.25	ug/l	100
74) N-amyl acetate	10.90	43	283457	43.35	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	215043	42.92	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	211873m	44.65	ug/l	
77) Bromobenzene	11.26	156	182241	42.45	ug/l	99
78) n-propylbenzene	11.36	91	932808	52.23	ug/l	100
79) 2-Chlorotoluene	11.42	91	535563	49.44	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	691013	52.92	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	61477	41.30	ug/l	94
82) 4-Chlorotoluene	11.51	91	671113	53.08	ug/l	99
83) tert-Butylbenzene	11.77	119	693086	55.75	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	744687	55.86	ug/l	98
85) sec-Butylbenzene	11.94	105	875680	55.27	ug/l	98
86) p-Isopropyltoluene	12.07	119	771083	55.12	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	421629	52.63	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	416179	50.28	ug/l	99
89) n-Butylbenzene	12.39	91	677592	53.15	ug/l	99
90) Hexachloroethane	12.60	117	117921	52.65	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	420869	51.91	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58188	54.39	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	315884	55.02	ug/l	98
94) Hexachlorobutadiene	13.79	225	155192	51.75	ug/l	97
95) Naphthalene	13.83	128	966147	60.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310625	52.67	ug/l	100

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

