

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071718\
 Data File : VX003414.D
 Acq On : 17 Jul 2018 08:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 12:58:21 PM

Quant Time: Jul 17 11:16:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	378857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	468320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	427554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	294296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	213967	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
35) Dibromofluoromethane	5.51	113	205741	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
50) Toluene-d8	8.72	98	719314	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.14	95	267927	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	215933	50.50	ug/l	98
3) Chloromethane	1.32	50	207125	44.75	ug/l	93
4) Vinyl Chloride	1.40	62	230512	45.71	ug/l	98
5) Bromomethane	1.64	94	86685	50.19	ug/l	99
6) Chloroethane	1.72	64	141774	50.83	ug/l	98
7) Trichlorofluoromethane	1.92	101	309446	46.25	ug/l	96
8) Diethyl Ether	2.19	74	129206	45.14	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	193761	45.85	ug/l	98
10) Methyl Iodide	2.51	142	220477	48.77	ug/l	91
11) Tert butyl alcohol	3.09	59	249358	223.48	ug/l	100
12) 1,1-Dichloroethene	2.37	96	175771	44.01	ug/l	98
13) Acrolein	2.30	56	103034	192.50	ug/l	92
14) Allyl chloride	2.73	41	344874	47.61	ug/l	88
15) Acrylonitrile	3.15	53	565068	221.05	ug/l	96
16) Acetone	2.45	43	462639	224.18	ug/l #	85
17) Carbon Disulfide	2.56	76	493903	45.07	ug/l	100
18) Methyl Acetate	2.78	43	337166	50.16	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	649189	48.96	ug/l	95
20) Methylene Chloride	2.86	84	210093	56.66	ug/l #	84
21) trans-1,2-Dichloroethene	3.16	96	194162	45.01	ug/l	95
22) Diisopropyl ether	3.88	45	661973	47.11	ug/l	97
23) Vinyl Acetate	3.83	43	2779872	239.88	ug/l #	95
24) 1,1-Dichloroethane	3.70	63	367156	46.06	ug/l	99
25) 2-Butanone	4.71	43	727772	225.34	ug/l #	89
26) 2,2-Dichloropropane	4.58	77	282602	50.51	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	219460	47.29	ug/l	99
28) Bromochloromethane	5.02	49	167030	48.26	ug/l	87
29) Tetrahydrofuran	5.18	42	464510	226.79	ug/l	90
30) Chloroform	5.21	83	357294	48.64	ug/l	98
31) Cyclohexane	5.58	56	302587	49.15	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	307008	49.14	ug/l	97
36) 1,1-Dichloropropene	5.80	75	259348	54.69	ug/l	99
37) Ethyl Acetate	4.87	43	272969	51.08	ug/l #	95
38) Carbon Tetrachloride	5.78	117	264338	54.77	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	276452	50.92	ug/l	95
40) Benzene	6.15	78	735053	50.94	ug/l	99
41) Methacrylonitrile	5.07	41	157807	53.70	ug/l	92
42) 1,2-Dichloroethane	6.20	62	244343	49.38	ug/l	95
43) Isopropyl Acetate	6.48	43	391506	48.54	ug/l #	93
44) Trichloroethene	7.21	130	206483	49.40	ug/l	95
45) 1,2-Dichloropropane	7.53	63	186257	49.62	ug/l	95
46) Dibromomethane	7.67	93	120787	48.33	ug/l	97
47) Bromodichloromethane	7.90	83	229382	50.12	ug/l	100
48) Methyl methacrylate	7.78	41	205069	49.84	ug/l	87
49) 1,4-Dioxane	7.76	88	88384	938.11	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1412221	265.98	ug/l	92
52) Toluene	8.79	92	502938	55.67	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	290933	53.84	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	287528	58.30	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	199479	52.85	ug/l	97
56) Ethyl methacrylate	9.18	69	288681	54.02	ug/l #	87
57) 1,3-Dichloropropane	9.38	76	323143	53.28	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	685469	255.78	ug/l	98
59) 2-Hexanone	9.50	43	999449	245.00	ug/l	90
60) Dibromochloromethane	9.59	129	186904	49.84	ug/l	99
61) 1,2-Dibromoethane	9.68	107	188857	48.54	ug/l	100
64) Tetrachloroethene	9.34	164	266157	59.50	ug/l	94
65) Chlorobenzene	10.14	112	509209	50.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	186280	51.88	ug/l	99
67) Ethyl Benzene	10.26	91	855513	51.82	ug/l	100
68) m/p-Xylenes	10.36	106	675652	105.81	ug/l	97
69) o-Xylene	10.70	106	320951	52.33	ug/l	97
70) Styrene	10.71	104	539206	53.42	ug/l	98
71) Bromoform	10.86	173	148089	51.28	ug/l #	99
73) Isopropylbenzene	11.02	105	866690	45.99	ug/l	100
74) N-amyl acetate	6.48	43	391506	43.20	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	286920	46.13	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	253674m	47.61	ug/l	
77) Bromobenzene	11.26	156	265828	49.67	ug/l	97
78) n-propylbenzene	11.37	91	1088801	51.72	ug/l	97
79) 2-Chlorotoluene	11.42	91	669843	51.90	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	831497	54.02	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	80461	49.06	ug/l	90
82) 4-Chlorotoluene	11.51	91	801733	53.24	ug/l	98
83) tert-Butylbenzene	11.77	119	796532	52.95	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	837300	52.95	ug/l	96
85) sec-Butylbenzene	11.95	105	941209	51.57	ug/l	98
86) p-Isopropyltoluene	12.07	119	896745	55.20	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	480342	49.04	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	480244	48.28	ug/l	98
89) n-Butylbenzene	12.39	91	766268	55.37	ug/l	99
90) Hexachloroethane	12.60	117	133246	54.13	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	480585	48.85	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	67638	52.27	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	377437	56.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	182860	56.43	ug/l	99
95) Naphthalene	13.84	128	1071655	55.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	372121	53.74	ug/l	98

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

