

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072618\
 Data File : VX003687.D
 Acq On : 26 Jul 2018 23:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:40:41 PM

Quant Time: Jul 27 06:48:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	101823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	150086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	75737	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	5.51	113	63168	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.72	98	239285	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.14	95	88420	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52445	45.22	ug/l	99
3) Chloromethane	1.32	50	73762	48.29	ug/l	99
4) Vinyl Chloride	1.40	62	78836	50.46	ug/l	98
5) Bromomethane	1.64	94	43803	58.06	ug/l	96
6) Chloroethane	1.72	64	51972	49.53	ug/l	98
7) Trichlorofluoromethane	1.92	101	103748	51.59	ug/l	96
8) Diethyl Ether	2.19	74	44312	50.28	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62572	50.55	ug/l	98
10) Methyl Iodide	2.51	142	84041	50.35	ug/l	99
11) Tert butyl alcohol	3.09	59	90206	250.20	ug/l	100
12) 1,1-Dichloroethene	2.37	96	58959	50.06	ug/l	93
13) Acrolein	2.30	56	39422	216.78	ug/l	98
14) Allyl chloride	2.73	41	121484	49.48	ug/l	97
15) Acrylonitrile	3.15	53	221896	254.72	ug/l	100
16) Acetone	2.45	43	181792	256.55	ug/l	99
17) Carbon Disulfide	2.57	76	167178	49.35	ug/l	99
18) Methyl Acetate	2.78	43	114701	53.60	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	216339	52.01	ug/l	97
20) Methylene Chloride	2.86	84	70167	49.97	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	64644	51.04	ug/l	98
22) Diisopropyl ether	3.88	45	213516	47.63	ug/l	# 91
23) Vinyl Acetate	3.83	43	948732	247.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	128084	50.70	ug/l	99
25) 2-Butanone	4.71	43	270783	247.37	ug/l	100
26) 2,2-Dichloropropane	4.59	77	64748	40.53	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	66922	48.67	ug/l	97
28) Bromochloromethane	5.02	49	49375	48.70	ug/l	99
29) Tetrahydrofuran	5.17	42	181082	254.12	ug/l	100
30) Chloroform	5.21	83	119066	51.96	ug/l	90
31) Cyclohexane	5.57	56	101870	50.23	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	98422	51.72	ug/l	97
36) 1,1-Dichloropropene	5.80	75	86738	49.44	ug/l	99
37) Ethyl Acetate	4.87	43	101992	48.35	ug/l	99
38) Carbon Tetrachloride	5.78	117	86328	51.05	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97607	50.55	ug/l	100
40) Benzene	6.15	78	263579	50.77	ug/l	100
41) Methacrylonitrile	5.07	41	57033	48.82	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93005	50.90	ug/l	100
43) Isopropyl Acetate	6.47	43	157279	51.11	ug/l	100
44) Trichloroethene	7.21	130	67337	48.38	ug/l	96
45) 1,2-Dichloropropane	7.52	63	69831	52.04	ug/l	99
46) Dibromomethane	7.67	93	44983	52.18	ug/l	98
47) Bromodichloromethane	7.90	83	85385	52.83	ug/l	100
48) Methyl methacrylate	7.78	41	82789	53.01	ug/l	98
49) 1,4-Dioxane	7.76	88	35269	1012.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	541154	260.62	ug/l	99
52) Toluene	8.79	92	164928	51.11	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	92449	51.66	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	100477	51.02	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	68110	51.63	ug/l	99
56) Ethyl methacrylate	9.18	69	104828	53.40	ug/l	99
57) 1,3-Dichloropropane	9.38	76	113826	51.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	267463	271.14	ug/l	100
59) 2-Hexanone	9.50	43	417328	262.01	ug/l	100
60) Dibromochloromethane	9.59	129	67658	54.08	ug/l	100
61) 1,2-Dibromoethane	9.68	107	70462	51.30	ug/l	99
64) Tetrachloroethene	9.34	164	63635	47.86	ug/l	97
65) Chlorobenzene	10.14	112	182825	49.95	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	65231	51.27	ug/l	99
67) Ethyl Benzene	10.26	91	315690	51.53	ug/l	100
68) m/p-Xylenes	10.36	106	246847	105.03	ug/l	100
69) o-Xylene	10.70	106	117056	51.73	ug/l	98
70) Styrene	10.71	104	202337	53.24	ug/l	99
71) Bromoform	10.86	173	52786	52.46	ug/l #	99
73) Isopropylbenzene	11.02	105	320080	52.17	ug/l	99
74) N-amyl acetate	6.47	43	157279	49.15	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	111023	49.00	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	95943m	50.94	ug/l	
77) Bromobenzene	11.26	156	82558	49.54	ug/l	98
78) n-propylbenzene	11.36	91	376742	53.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	220875	51.29	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	275822	53.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	30019	49.38	ug/l	97
82) 4-Chlorotoluene	11.51	91	262115	51.68	ug/l	100
83) tert-Butylbenzene	11.77	119	266405	52.45	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	283636	53.16	ug/l	100
85) sec-Butylbenzene	11.95	105	318842	52.59	ug/l	100
86) p-Isopropyltoluene	12.07	119	287588	52.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	156028	50.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156542	48.52	ug/l	99
89) n-Butylbenzene	12.39	91	253954	51.78	ug/l	99
90) Hexachloroethane	12.60	117	45648	55.39	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	157866	49.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24788	52.56	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112683	49.80	ug/l	100
94) Hexachlorobutadiene	13.79	225	49408	47.20	ug/l	99
95) Naphthalene	13.83	128	359501	52.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116936	50.88	ug/l	99

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

