

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072618\
 Data File : VX003670.D
 Acq On : 26 Jul 2018 12:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:39:46 PM

Quant Time: Jul 27 05:41:27 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	126275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	182251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	142999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	82304	44.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	88.00%	
35) Dibromofluoromethane	5.51	113	68666	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	8.72	98	254304	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	
62) 4-Bromofluorobenzene	11.14	95	78597	37.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66500	46.24	ug/l	99
3) Chloromethane	1.32	50	87960	46.43	ug/l	95
4) Vinyl Chloride	1.40	62	94664	48.86	ug/l	94
5) Bromomethane	1.64	94	48607	51.95	ug/l	95
6) Chloroethane	1.72	64	58285	44.11	ug/l	96
7) Trichlorofluoromethane	1.93	101	116452	46.69	ug/l	99
8) Diethyl Ether	2.18	74	52320	47.87	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77251	50.33	ug/l	98
10) Methyl Iodide	2.51	142	105398	50.88	ug/l	96
11) Tert butyl alcohol	3.07	59	92944	207.87	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69529	47.60	ug/l	90
13) Acrolein	2.29	56	47047	208.77	ug/l	99
14) Allyl chloride	2.72	41	138514	45.49	ug/l	96
15) Acrylonitrile	3.15	53	235255	217.76	ug/l	98
16) Acetone	2.45	43	189642	215.81	ug/l	99
17) Carbon Disulfide	2.57	76	197217	46.94	ug/l	95
18) Methyl Acetate	2.78	43	118492	44.65	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	245943	47.68	ug/l	96
20) Methylene Chloride	2.86	84	80922	46.47	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	75454	48.04	ug/l	97
22) Diisopropyl ether	3.87	45	268282	48.26	ug/l	# 87
23) Vinyl Acetate	3.82	43	1151914	241.89	ug/l	99
24) 1,1-Dichloroethane	3.70	63	142280	45.41	ug/l	99
25) 2-Butanone	4.71	43	334127	246.13	ug/l	99
26) 1,2-Dichloropropane	4.58	77	120255	60.70	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	88319	51.79	ug/l	99
28) Bromochloromethane	5.03	49	52911	42.08	ug/l	97
29) Tetrahydrofuran	5.17	42	213466	241.56	ug/l	97
30) Chloroform	5.22	83	145304	51.13	ug/l	90
31) Cyclohexane	5.58	56	135974	54.07	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	123482	52.32	ug/l	98
36) 1,1-Dichloropropene	5.80	75	110875	52.05	ug/l	100
37) Ethyl Acetate	4.85	43	128727	50.25	ug/l	99
38) Carbon Tetrachloride	5.78	117	106902	52.06	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128671	54.87	ug/l	95
40) Benzene	6.14	78	317291	50.33	ug/l	100
41) Methacrylonitrile	5.07	41	70254	49.53	ug/l	99
42) 1,2-Dichloroethane	6.20	62	108228	48.78	ug/l	100
43) Isopropyl Acetate	6.47	43	193811	51.86	ug/l	98
44) Trichloroethene	7.21	130	86444	51.14	ug/l	98
45) 1,2-Dichloropropane	7.52	63	83330	51.14	ug/l	98
46) Dibromomethane	7.67	93	52001	49.67	ug/l	99
47) Bromodichloromethane	7.90	83	99766	50.83	ug/l	99
48) Methyl methacrylate	7.78	41	95811	50.53	ug/l	100
49) 1,4-Dioxane	7.76	88	40223	950.75	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	607544	240.96	ug/l	99
52) Toluene	8.79	92	194555	49.65	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114822	52.84	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	124706	52.15	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	77236	48.22	ug/l	99
56) Ethyl methacrylate	9.18	69	122475	51.38	ug/l	99
57) 1,3-Dichloropropane	9.37	76	129413	48.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	334662	279.39	ug/l	100
59) 2-Hexanone	9.50	43	459257	237.45	ug/l	99
60) Dibromochloromethane	9.59	129	76198	50.15	ug/l	100
61) 1,2-Dibromoethane	9.68	107	78857	47.28	ug/l	100
64) Tetrachloroethene	9.34	164	73490	56.21	ug/l	98
65) Chlorobenzene	10.14	112	196613	54.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	68804	54.99	ug/l	100
67) Ethyl Benzene	10.26	91	336629	55.88	ug/l	100
68) m/p-Xylenes	10.36	106	250649	108.46	ug/l	100
69) o-Xylene	10.70	106	117355	52.75	ug/l	98
70) Styrene	10.71	104	201370	53.88	ug/l	99
71) Bromoform	10.86	173	50902	51.45	ug/l #	99
73) Isopropylbenzene	11.02	105	321609	55.80	ug/l	99
74) N-amyl acetate	6.47	43	193811	64.48	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	109075	51.25	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	95940m	54.23	ug/l	
77) Bromobenzene	11.26	156	81724	52.21	ug/l	98
78) n-propylbenzene	11.36	91	384996	57.85	ug/l	100
79) 2-Chlorotoluene	11.42	91	221578	54.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	277757	56.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	33152	58.06	ug/l	92
82) 4-Chlorotoluene	11.51	91	264858	55.59	ug/l	99
83) tert-Butylbenzene	11.77	119	269580	56.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	289450	57.76	ug/l	99
85) sec-Butylbenzene	11.95	105	338478	59.44	ug/l	100
86) p-Isopropyltoluene	12.07	119	303457	59.37	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	163176	55.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	163815	54.05	ug/l	99
89) n-Butylbenzene	12.39	91	272628	59.18	ug/l	99
90) Hexachloroethane	12.60	117	45364	58.61	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	156093	52.41	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23529	53.11	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	115442	54.32	ug/l	99
94) Hexachlorobutadiene	13.79	225	53331	54.24	ug/l	99
95) Naphthalene	13.83	128	355125	55.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115745	53.62	ug/l	99

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

