

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072018\
 Data File : VX003497.D
 Acq On : 20 Jul 2018 08:03
 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
 7/23/2018 12:34:26 PM

Quant Time: Jul 20 11:50:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	351063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	258823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	208558	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	5.51	113	193610	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	
50) Toluene-d8	8.72	98	667815	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	11.14	95	243331	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	154696	55.585	ug/l	95
3) Chloromethane	1.32	50	191710	55.626	ug/l	98
4) Vinyl Chloride	1.41	62	210240	47.142	ug/l	97
5) Bromomethane	1.64	94	88488	49.871	ug/l	98
6) Chloroethane	1.72	64	129460	49.056	ug/l	90
7) Trichlorofluoromethane	1.93	101	292877	49.224	ug/l	96
8) Diethyl Ether	2.19	74	126163	49.371	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	192675	49.477	ug/l	98
10) Methyl Iodide	2.51	142	245604	52.500	ug/l	93
11) Tert butyl alcohol	3.07	59	191765	233.201	ug/l	99
12) 1,1-Dichloroethene	2.37	96	172971	48.240	ug/l	99
13) Acrolein	2.29	56	89405	240.632	ug/l	98
14) Allyl chloride	2.73	41	334345	52.674	ug/l #	85
15) Acrylonitrile	3.15	53	500631	239.128	ug/l	98
16) Acetone	2.45	43	426622	271.787	ug/l #	78
17) Carbon Disulfide	2.57	76	480150	49.515	ug/l	100
18) Methyl Acetate	2.78	43	238579	48.212	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	602865	51.489	ug/l	98
20) Methylene Chloride	2.85	84	199456	52.002	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	192889	48.349	ug/l	88
22) Diisopropyl ether	3.87	45	618426	51.778	ug/l	97
23) Vinyl Acetate	3.82	43	2609097	265.196	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	371247	52.977	ug/l	97
25) 2-Butanone	4.70	43	655894	249.043	ug/l #	90
26) 2,2-Dichloropropane	4.58	77	286881	53.900	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	218262	49.135	ug/l	95
28) Bromochloromethane	5.02	49	156701	51.159	ug/l	89
29) Tetrahydrofuran	5.15	42	415147	238.622	ug/l	92
30) Chloroform	5.21	83	354861	51.858	ug/l	94
31) Cyclohexane	5.57	56	317990	50.787	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	299297	51.076	ug/l	98
36) 1,1-Dichloropropene	5.80	75	269536	57.119	ug/l	97
37) Ethyl Acetate	4.86	43	252372	56.518	ug/l	96
38) Carbon Tetrachloride	5.79	117	267592	57.812	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	300160	53.705	ug/l	95
40) Benzene	6.14	78	761988	53.483	ug/l	98
41) Methacrylonitrile	5.06	41	146282	55.739	ug/l	93
42) 1,2-Dichloroethane	6.20	62	249211	55.516	ug/l	96
43) Isopropyl Acetate	6.46	43	372797	52.483	ug/l	94
44) Trichloroethene	7.21	130	214805	50.555	ug/l	96
45) 1,2-Dichloropropane	7.52	63	190376	52.624	ug/l	99
46) Dibromomethane	7.67	93	123102	52.855	ug/l	97
47) Bromodichloromethane	7.90	83	232782	54.595	ug/l	98
48) Methyl methacrylate	7.78	41	195325	54.528	ug/l	86
49) 1,4-Dioxane	7.76	88	73451	904.983	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1201370	267.718	ug/l	92
52) Toluene	8.79	92	471727	52.600	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	292178	55.674	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	262453	55.610	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	185697	52.036	ug/l	98
56) Ethyl methacrylate	9.18	69	271999	54.114	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	309689	53.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	648556	265.357	ug/l	98
59) 2-Hexanone	9.50	43	911538	274.160	ug/l	90
60) Dibromochloromethane	9.59	129	191378	54.180	ug/l	100
61) 1,2-Dibromoethane	9.68	107	193524	52.313	ug/l	100
64) Tetrachloroethene	9.34	164	253854	50.144	ug/l	97
65) Chlorobenzene	10.14	112	539205	50.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	191671	52.036	ug/l	99
67) Ethyl Benzene	10.26	91	908585	52.784	ug/l	100
68) m/p-Xylenes	10.36	106	711246	105.396	ug/l	96
69) o-Xylene	10.70	106	338322	51.845	ug/l	96
70) Styrene	10.71	104	570187	53.120	ug/l	97
71) Bromoform	10.86	173	148421	51.861	ug/l #	100
73) Isopropylbenzene	11.02	105	919138	51.348	ug/l	99
74) N-amyl acetate	6.46	43	372797	49.048	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	262559	50.054	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	232827m	50.074	ug/l	
77) Bromobenzene	11.26	156	249305	48.424	ug/l	98
78) n-propylbenzene	11.36	91	1050665	52.804	ug/l	99
79) 2-Chlorotoluene	11.42	91	612706	50.724	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	770352	52.366	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	80747	49.354	ug/l	89
82) 4-Chlorotoluene	11.51	91	727208	51.379	ug/l	98
83) tert-Butylbenzene	11.77	119	733651	50.924	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	791637	52.885	ug/l	98
85) sec-Butylbenzene	11.95	105	906886	51.826	ug/l	100
86) p-Isopropyltoluene	12.07	119	832178	52.991	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	459958	48.602	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	462179	47.409	ug/l	99
89) n-Butylbenzene	12.39	91	717038	53.771	ug/l	99
90) Hexachloroethane	12.60	117	113340	50.770	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	455777	48.865	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50516	49.486	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	333941	48.851	ug/l	99
94) Hexachlorobutadiene	13.79	225	163757	49.811	ug/l	98
95) Naphthalene	13.83	128	913267	50.842	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	336542	49.732	ug/l	99

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

