

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072318\
 Data File : VX003638.D
 Acq On : 24 Jul 2018 07:36
 Operator : JC/SP
 Sample : J4073-18MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-071818MS

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 3:55:03 PM

Quant Time: Jul 24 09:19:42 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	250516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149847	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.51	113	141528	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
50) Toluene-d8	8.72	98	519981	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.14	95	191242	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93596	47.02	ug/l	99
3) Chloromethane	1.32	50	121847	49.41	ug/l	96
4) Vinyl Chloride	1.40	62	134309	42.20	ug/l	95
5) Bromomethane	1.64	94	59224	46.61	ug/l	99
6) Chloroethane	1.72	64	88938	47.23	ug/l	98
7) Trichlorofluoromethane	1.92	101	203335	47.89	ug/l	97
8) Diethyl Ether	2.19	74	86594	47.49	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131082	47.17	ug/l	96
10) Methyl Iodide	2.51	142	169204	50.69	ug/l	92
11) Tert butyl alcohol	3.08	59	177005	301.65	ug/l	100
12) 1,1-Dichloroethene	2.37	96	121223	47.38	ug/l	83
13) Acrolein	2.29	56	41364	156.01	ug/l	100
14) Allyl chloride	2.73	41	187175	41.32	ug/l	86
15) Acrylonitrile	3.15	53	374305	250.55	ug/l	98
16) Acetone	2.45	43	310438	277.15	ug/l #	86
17) Carbon Disulfide	2.57	76	299950	43.35	ug/l	99
18) Methyl Acetate	2.78	43	154198	43.67	ug/l #	89
19) Methyl tert-butyl Ether	3.21	73	423567	50.69	ug/l	98
20) Methylene Chloride	2.86	84	145464	53.17	ug/l #	75
21) trans-1,2-Dichloroethene	3.16	96	132537	46.56	ug/l	91
22) Diisopropyl ether	3.87	45	409357	48.03	ug/l #	94
23) Vinyl Acetate	3.82	43	1351313	192.48	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	244171	48.83	ug/l	100
25) 2-Butanone	4.71	43	503751	268.04	ug/l #	88
26) 2,2-Dichloropropane	4.58	77	72858	19.18	ug/l	84
27) cis-1,2-Dichloroethene	4.60	96	154795	48.83	ug/l	91
28) Bromochloromethane	5.03	49	101752	46.55	ug/l #	78
29) Tetrahydrofuran	5.17	42	324663	261.51	ug/l #	87
30) Chloroform	5.22	83	251460	51.50	ug/l	98
31) Cyclohexane	5.57	56	199242	44.59	ug/l	89
32) 1,1,1-Trichloroethane	5.50	97	217025	51.90	ug/l	96
36) 1,1-Dichloropropene	5.80	75	178936	47.64	ug/l	94
37) Ethyl Acetate	4.87	43	153889	43.30	ug/l #	94
38) Carbon Tetrachloride	5.78	117	196841	53.43	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205901	46.29	ug/l	92
40) Benzene	6.15	78	578682	51.03	ug/l	99
41) Methacrylonitrile	5.07	41	108945	52.16	ug/l	90
42) 1,2-Dichloroethane	6.20	62	184237	51.57	ug/l	92
43) Isopropyl Acetate	6.47	43	272224	48.15	ug/l #	93
44) Trichloroethene	7.22	130	178689	52.84	ug/l	94
45) 1,2-Dichloropropane	7.52	63	151814	52.73	ug/l	91
46) Dibromomethane	7.67	93	99459	53.65	ug/l	91
47) Bromodichloromethane	7.90	83	185592	54.69	ug/l	99
48) Methyl methacrylate	7.78	41	148285	52.01	ug/l #	80
49) 1,4-Dioxane	7.76	88	78873	1220.99	ug/l #	90
51) 4-Methyl-2-Pentanone	8.65	43	992804	277.97	ug/l	89
52) Toluene	8.79	92	369539	51.77	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	192357	46.05	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	175286	46.66	ug/l #	85
55) 1,1,2-Trichloroethane	9.22	97	153120	53.91	ug/l	98
56) Ethyl methacrylate	9.18	69	218680	54.66	ug/l #	79
57) 1,3-Dichloropropane	9.38	76	243347	53.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.24	63	461	0.24	ug/l #	48
59) 2-Hexanone	9.50	43	758394	286.59	ug/l	86
60) Dibromochloromethane	9.59	129	163118	58.02	ug/l	100
61) 1,2-Dibromoethane	9.68	107	161419	54.82	ug/l	100
64) Tetrachloroethene	9.34	164	195759	48.17	ug/l	98
65) Chlorobenzene	10.14	112	430594	50.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	161641	54.67	ug/l	99
67) Ethyl Benzene	10.26	91	698601	50.56	ug/l	99
68) m/p-Xylenes	10.36	106	557370	102.90	ug/l	94
69) o-Xylene	10.70	106	273178	52.15	ug/l	93
70) Styrene	10.71	104	462321	53.66	ug/l	96
71) Bromoform	10.86	173	134548	58.57	ug/l #	99
73) Isopropylbenzene	11.02	105	723112	50.14	ug/l	99
74) N-amyl acetate	6.47	43	272224	44.46	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	224307	53.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	191525m	51.13	ug/l	
77) Bromobenzene	11.26	156	210196	50.68	ug/l	92
78) n-propylbenzene	11.36	91	795576	49.63	ug/l	97
79) 2-Chlorotoluene	11.43	91	475834	48.90	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	601361	50.74	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	47131	36.41	ug/l	87
82) 4-Chlorotoluene	11.51	91	554241	48.61	ug/l	96
83) tert-Butylbenzene	11.77	119	599564	51.66	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	618271	51.27	ug/l	96
85) sec-Butylbenzene	11.95	105	700755	49.71	ug/l	98
86) p-Isopropyltoluene	12.07	119	638828	50.49	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	374624	49.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	374238	47.65	ug/l	99
89) n-Butylbenzene	12.39	91	507108	47.20	ug/l	98
90) Hexachloroethane	12.60	117	91558	50.91	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	380915	50.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45127	54.87	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	269331	48.91	ug/l	98
94) Hexachlorobutadiene	13.79	225	127710	48.22	ug/l	99
95) Naphthalene	13.83	128	789822	54.58	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	280640	51.48	ug/l	99

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

