

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072018\
 Data File : VX003542.D
 Acq On : 21 Jul 2018 06:40
 Operator : JC/SP
 Sample : J4014-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 12:36:23 PM

Quant Time: Jul 21 07:03:18 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	300817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	191626	53.81	ug/l	0.01
Spiked Amount	50.000		Recovery	=	107.62%	
35) Dibromofluoromethane	5.51	113	180771	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
50) Toluene-d8	8.72	98	614994	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
62) 4-Bromofluorobenzene	11.14	95	222858	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	124185	52.029	ug/l	97
3) Chloromethane	1.32	50	176026	59.692	ug/l	92
4) Vinyl Chloride	1.40	62	187970	49.188	ug/l	97
5) Bromomethane	1.64	94	76926	50.634	ug/l	87
6) Chloroethane	1.72	64	124589	55.096	ug/l	89
7) Trichlorofluoromethane	1.93	101	258912	50.784	ug/l	97
8) Diethyl Ether	2.19	74	112540	51.396	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155089	46.478	ug/l	97
10) Methyl Iodide	2.51	142	232770	58.068	ug/l	93
11) Tert butyl alcohol	3.07	59	203061	288.185	ug/l	100
12) 1,1-Dichloroethene	2.37	96	157318	51.203	ug/l #	76
13) Acrolein	2.29	56	72292	227.072	ug/l	99
14) Allyl chloride	2.73	41	283779	52.175	ug/l	87
15) Acrylonitrile	3.15	53	507592	282.950	ug/l	96
16) Acetone	2.45	43	396463	294.761	ug/l	94
17) Carbon Disulfide	2.57	76	437729	52.681	ug/l	96
18) Methyl Acetate	2.78	43	211455	49.869	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	558537	55.671	ug/l	95
20) Methylene Chloride	2.86	84	181560	55.298	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	173955	50.886	ug/l	97
22) Diisopropyl ether	3.87	45	585011	57.161	ug/l #	95
23) Vinyl Acetate	3.82	43	2005388	237.880	ug/l	95
24) 1,1-Dichloroethane	3.69	63	343090	57.137	ug/l	99
25) 2-Butanone	4.71	43	653063	289.387	ug/l	95
26) 2,2-Dichloropropane	4.58	77	144533	31.691	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	206762	54.320	ug/l	93
28) Bromochloromethane	5.02	49	153532	58.497	ug/l	90
29) Tetrahydrofuran	5.16	42	424254	284.589	ug/l	91
30) Chloroform	5.21	83	335213	57.169	ug/l	98
31) Cyclohexane	5.57	56	269733	50.275	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	278316	55.429	ug/l	98
36) 1,1-Dichloropropene	5.79	75	229018	52.941	ug/l	97
37) Ethyl Acetate	4.87	43	211459	51.657	ug/l	95
38) Carbon Tetrachloride	5.78	117	236584	55.756	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232858	45.448	ug/l	96
40) Benzene	6.15	78	692148	52.994	ug/l	100
41) Methacrylonitrile	5.06	41	142712	59.319	ug/l	93
42) 1,2-Dichloroethane	6.20	62	224842	54.637	ug/l	95
43) Isopropyl Acetate	6.47	43	318411	48.899	ug/l	94
44) Trichloroethene	7.21	130	202040	51.870	ug/l	96
45) 1,2-Dichloropropane	7.52	63	179441	54.107	ug/l	99
46) Dibromomethane	7.67	93	114027	53.406	ug/l	97
47) Bromodichloromethane	7.90	83	214453	54.865	ug/l	98
48) Methyl methacrylate	7.78	41	184611	56.219	ug/l	86
49) 1,4-Dioxane	7.76	88	80051	1075.894	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1168769	284.112	ug/l	90
52) Toluene	8.79	92	438859	53.381	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	237297	49.324	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	217583	50.291	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	191233	58.455	ug/l	96
56) Ethyl methacrylate	9.18	69	272089	59.049	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	280444	53.033	ug/l	100
59) 2-Hexanone	9.50	43	836321	274.386	ug/l	88
60) Dibromochloromethane	9.59	129	178078	54.994	ug/l	99
61) 1,2-Dibromoethane	9.68	107	180426	53.203	ug/l	99
64) Tetrachloroethene	9.34	164	239912	51.337	ug/l	98
65) Chlorobenzene	10.14	112	483824	48.957	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	175678	51.667	ug/l	99
67) Ethyl Benzene	10.26	91	802064	50.477	ug/l	100
68) m/p-Xylenes	10.36	106	632040	101.460	ug/l	96
69) o-Xylene	10.70	106	307332	51.019	ug/l	96
70) Styrene	10.71	104	516852	52.162	ug/l	97
71) Bromoform	10.86	173	139170	52.679	ug/l #	99
73) Isopropylbenzene	11.02	105	808412	50.587	ug/l	100
74) N-amyl acetate	6.47	43	318411	46.925	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	241072	51.479	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	244891m	58.995	ug/l	
77) Bromobenzene	11.26	156	223877	48.709	ug/l	98
78) n-propylbenzene	11.36	91	892421	50.238	ug/l	98
79) 2-Chlorotoluene	11.42	91	539908	50.066	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	674376	51.348	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58776	40.678	ug/l	90
82) 4-Chlorotoluene	11.51	91	630626	49.907	ug/l	98
83) tert-Butylbenzene	11.77	119	643082	50.000	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	687862	51.472	ug/l	98
85) sec-Butylbenzene	11.95	105	774805	49.597	ug/l	99
86) p-Isopropyltoluene	12.07	119	696155	49.655	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	404468	47.873	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	403453	46.356	ug/l	99
89) n-Butylbenzene	12.39	91	566919	47.620	ug/l	99
90) Hexachloroethane	12.60	117	97255	48.798	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	410705	49.322	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46525	51.051	ug/l	88
93) 1,2,4-Trichlorobenzene	13.65	180	284917	46.686	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	127194	43.337	ug/l	98
95) Naphthalene	13.83	128	835345	52.091	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287630	47.610	ug/l	100

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

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