

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070518\
 Data File : VX003206.D
 Acq On : 06 Jul 2018 07:15
 Operator : JC/MD
 Sample : J3844-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MSD

Manual Integrations
 APPROVED

sam
 7/6/2018 4:20:48 PM

Quant Time: Jul 06 08:13:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	208785	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147800	43.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.44%	
35) Dibromofluoromethane	5.51	113	133429	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.72	98	409270	40.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.40%	
62) 4-Bromofluorobenzene	11.14	95	178087	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	110901	50.20	ug/l	98
3) Chloromethane	1.32	50	114669	49.99	ug/l	98
4) Vinyl Chloride	1.40	62	141936	50.72	ug/l	98
5) Bromomethane	1.64	94	39089	28.77	ug/l	97
6) Chloroethane	1.72	64	90380	55.28	ug/l	98
7) Trichlorofluoromethane	1.93	101	230239	48.78	ug/l	100
8) Diethyl Ether	2.19	74	90436	52.70	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	128082	46.83	ug/l	96
10) Methyl Iodide	2.51	142	169824	59.83	ug/l	97
11) Tert butyl alcohol	3.08	59	173580	254.78	ug/l	98
12) 1,1-Dichloroethene	2.37	96	123870	50.76	ug/l	92
13) Acrolein	2.29	56	103746	274.25	ug/l	99
14) Allyl chloride	2.73	41	227481	47.29	ug/l	95
15) Acrylonitrile	3.15	53	402278	276.44	ug/l	99
16) Acetone	2.45	43	369950	261.20	ug/l	96
17) Carbon Disulfide	2.57	76	315448	48.52	ug/l	98
18) Methyl Acetate	2.78	43	227014	57.33	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	463380	52.82	ug/l	99
20) Methylene Chloride	2.86	84	144264	52.34	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	135075	50.82	ug/l	93
22) Diisopropyl ether	3.88	45	480463	52.25	ug/l	97
23) Vinyl Acetate	3.83	43	1668694	214.32	ug/l	98
24) 1,1-Dichloroethane	3.70	63	260637	52.15	ug/l	99
25) 2-Butanone	4.72	43	612305	291.30	ug/l	97
26) 2,2-Dichloropropane	4.59	77	82483	20.30	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	166667	55.93	ug/l	87
28) Bromochloromethane	5.03	49	112455	47.01	ug/l	91
29) Tetrahydrofuran	5.17	42	394223	292.46	ug/l	96
30) Chloroform	5.22	83	286648	55.89	ug/l	97
31) Cyclohexane	5.57	56	220558	51.42	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	248105	54.98	ug/l	99
36) 1,1-Dichloropropene	5.80	75	198532	51.43	ug/l	98
37) Ethyl Acetate	4.87	43	200559	48.25	ug/l	99
38) Carbon Tetrachloride	5.79	117	224519	53.00	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207072	46.05	ug/l	96
40) Benzene	6.15	78	618748	55.16	ug/l	98
41) Methacrylonitrile	5.07	41	134103	56.03	ug/l	97
42) 1,2-Dichloroethane	6.21	62	231769	51.15	ug/l	98
43) Isopropyl Acetate	6.48	43	341318	48.96	ug/l	97
44) Trichloroethene	7.22	130	178066	53.25	ug/l	100
45) 1,2-Dichloropropane	7.52	63	161507	54.28	ug/l	99
46) Dibromomethane	7.67	93	110680	53.60	ug/l	95
47) Bromodichloromethane	7.90	83	211423	55.38	ug/l	98
48) Methyl methacrylate	7.79	41	196051	54.58	ug/l	93
49) 1,4-Dioxane	7.76	88	71967	1029.80	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1228594	281.68	ug/l	97
52) Toluene	8.79	92	393102	54.71	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	210890	48.78	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	198594	47.74	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	164882	55.84	ug/l	98
56) Ethyl methacrylate	9.19	69	239657	55.53	ug/l	92
57) 1,3-Dichloropropane	9.38	76	267308	55.12	ug/l	99
59) 2-Hexanone	9.50	43	944931	285.06	ug/l	95
60) Dibromochloromethane	9.59	129	180122	57.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	175626	56.70	ug/l	100
64) Tetrachloroethene	9.34	164	191120	51.66	ug/l	98
65) Chlorobenzene	10.14	112	454666	53.81	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	173260	56.44	ug/l	100
67) Ethyl Benzene	10.26	91	752114	53.88	ug/l	100
68) m/p-Xylenes	10.37	106	585362	108.81	ug/l	98
69) o-Xylene	10.70	106	287723	54.93	ug/l	97
70) Stvrene	10.71	104	474574	55.75	ug/l	98
71) Bromoform	10.86	173	144578	51.96	ug/l	100
73) Isopropylbenzene	11.02	105	766282	54.56	ug/l	100
74) N-amyl acetate	6.48	43	341318	49.67	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	248278	57.38	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234407m	61.98	ug/l	
77) Bromobenzene	11.26	156	224132	56.04	ug/l	95
78) n-propylbenzene	11.37	91	847169	52.99	ug/l	98
79) 2-Chlorotoluene	11.43	91	518822	53.60	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	638561	53.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	49609	38.86	ug/l	99
82) 4-Chlorotoluene	11.51	91	607922	53.05	ug/l	98
83) tert-Butylbenzene	11.77	119	632654	54.26	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	659498	53.81	ug/l	98
85) sec-Butylbenzene	11.95	105	721510	51.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	653917	51.43	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	391538	53.60	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397335	52.85	ug/l	99
89) n-Butylbenzene	12.39	91	519846	46.97	ug/l	99
90) Hexachloroethane	12.60	117	103114	54.52	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	411141	55.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54929	56.47	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	278830	51.96	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	107156	40.04	ug/l	99
95) Naphthalene	13.83	128	850642	59.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305038	56.91	ug/l	100

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

