

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004759.D
 Acq On : 27 Sep 2018 07:45
 Operator : JC/MD
 Sample : J5029-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-4-9.0-092018MS

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 12:51:09 PM

Quant Time: Sep 27 09:06:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230935	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204516	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	5.50	113	172892	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.72	98	621199	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
62) 4-Bromofluorobenzene	11.14	95	230932	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	165463	45.844	ug/l	98
3) Chloromethane	1.32	50	218705	49.945	ug/l	99
4) Vinyl Chloride	1.40	62	218423	53.183	ug/l	99
5) Bromomethane	1.64	94	78945	32.415	ug/l	92
6) Chloroethane	1.72	64	132360	59.582	ug/l	95
7) Trichlorofluoromethane	1.93	101	266573	52.429	ug/l	95
8) Diethyl Ether	2.19	74	122647	55.526	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124665	43.044	ug/l	94
10) Methyl Iodide	2.51	142	80213	20.697	ug/l	99
11) Tert butyl alcohol	3.07	59	259063	245.018	ug/l	100
12) 1,1-Dichloroethene	2.37	96	155670	54.273	ug/l	92
13) Acrolein	2.29	56	173164	230.185	ug/l	96
14) Allyl chloride	2.73	41	327585	52.344	ug/l	95
15) Acrylonitrile	3.15	53	630641	270.944	ug/l	99
16) Acetone	2.45	43	572867	259.489	ug/l	93
17) Carbon Disulfide	2.57	76	454796	52.768	ug/l	99
18) Methyl Acetate	2.78	43	309463	55.327	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	681931	68.927	ug/l	99
20) Methylene Chloride	2.85	84	181719	56.726	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	169197	53.887	ug/l	97
22) Diisopropyl ether	3.87	45	626850	59.483	ug/l	97
23) Vinyl Acetate	3.82	43	2871126	297.636	ug/l	96
24) 1,1-Dichloroethane	3.70	63	318070	50.597	ug/l	98
25) 2-Butanone	4.70	43	887075	272.596	ug/l	90
26) 2,2-Dichloropropane	4.58	77	140669	32.135	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	196512	56.025	ug/l	98
28) Bromochloromethane	5.01	49	163206	55.132	ug/l	89
29) Tetrahydrofuran	5.15	42	588974	291.199	ug/l	93
30) Chloroform	5.21	83	319750	53.819	ug/l	98
31) Cyclohexane	5.57	56	257026	53.421	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	265745	54.770	ug/l	99
36) 1,1-Dichloropropene	5.80	75	225282	47.849	ug/l	99
37) Ethyl Acetate	4.86	43	327683	52.433	ug/l	97
38) Carbon Tetrachloride	5.78	117	221400	44.735	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	216345	45.001	ug/l	97
40) Benzene	6.14	78	715801	48.563	ug/l	98
41) Methacrylonitrile	5.07	41	180996	52.222	ug/l	95
42) 1,2-Dichloroethane	6.20	62	253413	48.634	ug/l	97
43) Isopropyl Acetate	6.46	43	486508	53.935	ug/l	97
44) Trichloroethene	7.21	130	188464	52.012	ug/l	94
45) 1,2-Dichloropropane	7.52	63	189655	52.469	ug/l	99
46) Dibromomethane	7.66	93	121987	53.699	ug/l	98
47) Bromodichloromethane	7.90	83	226373	53.225	ug/l	99
48) Methyl methacrylate	7.77	41	241922	59.089	ug/l	94
49) 1,4-Dioxane	7.75	88	94345	927.534	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1597616	281.289	ug/l	96
52) Toluene	8.79	92	434046	53.591	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	248280	51.658	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	263491	52.341	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	182385	51.409	ug/l	98
56) Ethyl methacrylate	9.18	69	299289	51.873	ug/l	96
57) 1,3-Dichloropropane	9.37	76	309222	52.370	ug/l	100
59) 2-Hexanone	9.50	43	1251249	264.371	ug/l	94
60) Dibromochloromethane	9.59	129	186685	52.617	ug/l	99
61) 1,2-Dibromoethane	9.68	107	190617	50.170	ug/l	100
64) Tetrachloroethene	9.34	164	166281	43.612	ug/l	98
65) Chlorobenzene	10.14	112	490633	49.391	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	174680	50.020	ug/l	99
67) Ethyl Benzene	10.26	91	826690	52.419	ug/l	97
68) m/p-Xylenes	10.36	106	638499	103.606	ug/l	96
69) o-Xylene	10.70	106	313886	55.452	ug/l	97
70) Styrene	10.71	104	529099	49.978	ug/l	98
71) Bromoform	10.86	173	150404	50.306	ug/l	99
73) Isopropylbenzene	11.02	105	856936	58.871	ug/l	100
74) N-amyl acetate	10.90	43	431458	53.790	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	296542	50.047	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	268197m	51.815	ug/l	
77) Bromobenzene	11.26	156	225572	53.353	ug/l	98
78) n-propylbenzene	11.36	91	955655	57.220	ug/l	99
79) 2-Chlorotoluene	11.42	91	567867	54.548	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	694407	52.058	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	75655	40.267	ug/l	97
82) 4-Chlorotoluene	11.51	91	661325	53.971	ug/l	100
83) tert-Butylbenzene	11.77	119	698192	58.258	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	720274	52.361	ug/l	98
85) sec-Butylbenzene	11.94	105	854300	58.523	ug/l	100
86) p-Isopropyltoluene	12.07	119	723966	54.740	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	404502	51.237	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	410165	50.329	ug/l	99
89) n-Butylbenzene	12.39	91	660031	54.951	ug/l	97
90) Hexachloroethane	12.60	117	112703	51.182	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	411239	49.845	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71531	54.981	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	309966	53.558	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	133538	44.496	ug/l	98
95) Naphthalene	13.83	128	1042889	54.229	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	317611	53.125	ug/l	97

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

