

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049631.D
 Acq On : 29 Jun 2018 13:27
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Jun 30 00:23:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1146629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1808198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1485284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	567204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	735878	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.59	113	651040	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.09	98	2428672	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.40	95	691561	38.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	4749	0.37	ug/l	94
3) Chloromethane	2.06	50	4734	0.29	ug/l #	72
4) Vinyl Chloride	2.18	62	5385	0.31	ug/l #	84
5) Bromomethane	2.57	94	2488	0.27	ug/l #	72
7) Trichlorofluoromethane	3.02	101	4805	0.24	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	4333	0.30	ug/l #	29
10) Methyl Iodide	3.96	142	5478	0.31	ug/l #	59
11) Tert butyl alcohol	4.79	59	244	0.28	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	4811	0.36	ug/l #	68
13) Acrolein	3.61	56	4264	5.25	ug/l #	66
14) Allyl chloride	4.31	41	4371	0.24	ug/l #	49
15) Acrylonitrile	5.00	53	5560	1.24	ug/l #	59
16) Acetone	3.82	43	28708	7.65	ug/l	96
17) Carbon Disulfide	4.05	76	66128	1.62	ug/l #	94
18) Methyl Acetate	4.34	43	69912	3.06	ug/l #	73
20) Methylene Chloride	4.55	84	4930	0.32	ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	9872	0.71	ug/l	93
25) 2-Butanone	6.85	43	3477	0.69	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	4910	0.32	ug/l	46
28) Bromochloromethane	7.20	49	2544	0.23	ug/l #	99
29) Tetrahydrofuran	7.22	42	1304	0.41	ug/l #	33
31) Cyclohexane	7.67	56	24970	0.96	ug/l #	9
36) 1,1-Dichloropropene	7.79	75	8714	0.43	ug/l #	82
38) Carbon Tetrachloride	7.67	117	103838	5.25	ug/l #	17
39) Methylcyclohexane	9.08	83	8565	0.38	ug/l	92
40) Benzene	8.04	78	13099	0.21	ug/l	96
43) Isopropyl Acetate	8.22	43	83956	2.99	ug/l #	62
44) Trichloroethene	8.84	130	6837	0.36	ug/l	95
46) Dibromomethane	9.21	93	2922	0.30	ug/l	91
48) Methyl methacrylate	9.20	41	2610	0.25	ug/l #	56
49) 1,4-Dioxane	9.20	88	568	4.01	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	10301	0.89	ug/l	95
52) Toluene	10.16	92	9995	0.27	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	5640	0.28	ug/l #	38

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

55) 1,1,2-Trichloroethane	10.57	97	2984	0.21	ug/l #	86
56) Ethyl methacrylate	10.43	69	3615	0.22	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.70	63	2440	0.32	ug/l #	75
59) 2-Hexanone	10.76	43	16756	2.18	ug/l	85
61) 1,2-Dibromoethane	11.01	107	2826	0.21	ug/l	96
64) Tetrachloroethene	10.63	164	8387	0.42	ug/l	94
65) Chlorobenzene	11.44	112	18048	0.47	ug/l	100
67) Ethyl Benzene	11.51	91	18922	0.30	ug/l	97
68) m/p-Xylenes	11.62	106	14446	0.59	ug/l	99
69) o-Xylene	11.95	106	5657	0.24	ug/l	97
70) Styrene	11.97	104	13440	0.35	ug/l	91
73) Isopropylbenzene	12.25	105	14625	0.32	ug/l	100
74) N-amyl acetate	12.08	43	7817	0.63	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	3741	0.35	ug/l	96
76) 1,2,3-Trichloropropane	12.40	75	333409	33.86	ug/l #	100
77) Bromobenzene	12.53	156	10368	0.84	ug/l	86
78) n-propylbenzene	12.59	91	30700	0.59	ug/l	99
79) 2-Chlorotoluene	12.68	91	17858	0.54	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	14859	0.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	333409	124.48	ug/l #	13
82) 4-Chlorotoluene	12.78	91	28558	0.87	ug/l	95
83) tert-Butylbenzene	13.00	119	12921	0.40	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	20423	0.53	ug/l	89
85) sec-Butylbenzene	13.17	105	20359	0.48	ug/l	95
86) p-Isopropyltoluene	13.29	119	18780	0.51	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	23753	1.05	ug/l	97
88) 1,4-Dichlorobenzene	13.29	146	23753	1.05	ug/l	98
89) n-Butylbenzene	13.62	91	25282	0.80	ug/l	95
90) Hexachloroethane	13.87	117	1062	0.27	ug/l	83
91) 1,2-Dichlorobenzene	13.66	146	24716	1.12	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2960	1.59	ug/l	75
93) 1,2,4-Trichlorobenzene	14.91	180	28871	2.84	ug/l	98
94) Hexachlorobutadiene	15.02	225	20748	2.95	ug/l	98
95) Naphthalene	15.14	128	77477	3.56	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	37474	3.59	ug/l	98

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

