

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049664.D
 Acq On : 2 Jul 2018 13:00
 Operator : MD\SY
 Sample : VN0702WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702WBSD01

Manual Integrations
 APPROVED

sam
 7/3/2018 3:51:31 PM

Quant Time: Jul 03 04:04:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1272209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1929809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1741919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	916065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	842481	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	7.59	113	708724	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.09	98	2718095	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.40	95	932040	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	277459	19.35	ug/l	98
3) Chloromethane	2.06	50	361934	20.21	ug/l	98
4) Vinyl Chloride	2.18	62	375874	19.54	ug/l	99
5) Bromomethane	2.56	94	199055	19.70	ug/l	99
6) Chloroethane	2.70	64	240140	19.73	ug/l	98
7) Trichlorofluoromethane	3.01	101	454854	20.70	ug/l	100
8) Diethyl Ether	3.41	74	181738	20.41	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	313945	19.86	ug/l	99
10) Methyl Iodide	3.95	142	442981	22.39	ug/l	99
11) Tert butyl alcohol	4.80	59	116264	120.59	ug/l	99
12) 1,1-Dichloroethene	3.73	96	281765	18.86	ug/l	98
13) Acrolein	3.61	56	76738	85.21	ug/l	96
14) Allyl chloride	4.32	41	444624	21.66	ug/l	99
15) Acrylonitrile	4.99	53	555322	111.52	ug/l	99
16) Acetone	3.82	43	415367	118.92	ug/l	100
17) Carbon Disulfide	4.05	76	842503	20.27	ug/l	99
18) Methyl Acetate	4.33	43	321712	18.14	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	820336	21.30	ug/l	99
20) Methylene Chloride	4.55	84	351791	20.33	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	303292	19.72	ug/l	99
22) Diisopropyl ether	5.96	45	956821	20.60	ug/l	99
23) Vinyl Acetate	5.90	43	3118228	103.55	ug/l	100
24) 1,1-Dichloroethane	5.85	63	578736	19.78	ug/l	99
25) 2-Butanone	6.84	43	630593	113.06	ug/l	97
26) 2,2-Dichloropropane	6.82	77	476003	19.59	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	344509	20.05	ug/l	100
28) Bromochloromethane	7.20	49	246080	19.82	ug/l	99
29) Tetrahydrofuran	7.22	42	415535	116.89	ug/l	100
30) Chloroform	7.37	83	594092	19.92	ug/l	99
31) Cyclohexane	7.65	56	510081	19.89	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	501703	19.87	ug/l	98
36) 1,1-Dichloropropene	7.79	75	433592	19.97	ug/l	100
37) Ethyl Acetate	6.93	43	286097	22.59	ug/l	99
38) Carbon Tetrachloride	7.77	117	409307	19.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	471059	19.79	ug/l	98
40) Benzene	8.04	78	1329282	20.05	ug/l	99
41) Methacrylonitrile	7.18	41	159950	22.41	ug/l #	91
42) 1,2-Dichloroethane	8.13	62	424982	20.09	ug/l	99
43) Isopropyl Acetate	8.17	43	524425	20.51	ug/l	99
44) Trichloroethene	8.84	130	386900	19.35	ug/l	99
45) 1,2-Dichloropropane	9.12	63	349342	20.40	ug/l	99
46) Dibromomethane	9.21	93	214490	20.70	ug/l	98
47) Bromodichloromethane	9.40	83	446229	20.23	ug/l	99
48) Methyl methacrylate	9.20	41	246203	21.88	ug/l	99
49) 1,4-Dioxane	9.20	88	67858	448.53	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1397382	112.55	ug/l	99
52) Toluene	10.16	92	815889	20.37	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	422676	20.01	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	501474	20.31	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	304208	20.40	ug/l	98
56) Ethyl methacrylate	10.43	69	379203	21.69	ug/l	100
57) 1,3-Dichloropropane	10.71	76	506605	20.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	781904	92.93	ug/l	99
59) 2-Hexanone	10.75	43	943801	114.96	ug/l	98
60) Dibromochloromethane	10.90	129	333380	20.68	ug/l	100
61) 1,2-Dibromoethane	11.01	107	294886	20.64	ug/l	100
64) Tetrachloroethene	10.63	164	461693	19.57	ug/l	99
65) Chlorobenzene	11.44	112	882291	19.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	323982	19.84	ug/l	99
67) Ethyl Benzene	11.51	91	1469743	19.57	ug/l	100
68) m/p-Xylenes	11.62	106	1171356	40.69	ug/l	100
69) o-Xylene	11.95	106	563121	20.43	ug/l	97
70) Styrene	11.97	104	900899	20.20	ug/l	100
71) Bromoform	12.13	173	224100	20.66	ug/l #	99
73) Isopropylbenzene	12.25	105	1462892	20.05	ug/l	100
74) N-amyl acetate	12.07	43	416367	20.89	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	357778	22.85	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	302079m	20.56	ug/l	
77) Bromobenzene	12.53	156	384103	19.36	ug/l	99
78) n-propylbenzene	12.59	91	1690214	20.21	ug/l	99
79) 2-Chlorotoluene	12.68	91	1033682	19.53	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1256482	20.72	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	89673	20.73	ug/l	99
82) 4-Chlorotoluene	12.78	91	1051019	19.75	ug/l	100
83) tert-Butylbenzene	12.99	119	1055268	20.26	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1280832	20.56	ug/l	100
85) sec-Butylbenzene	13.17	105	1399634	20.28	ug/l	99
86) p-Isopropyltoluene	13.29	119	1251978	20.94	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	689477	20.18	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	666362	19.92	ug/l	99
89) n-Butylbenzene	13.62	91	985037	19.25	ug/l	100
90) Hexachloroethane	13.88	117	126981	20.22	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	682790	20.50	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58183	22.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	280033	18.20	ug/l	99
94) Hexachlorobutadiene	15.01	225	214431	20.73	ug/l	99
95) Naphthalene	15.14	128	593107	18.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	289793	19.13	ug/l	100

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

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