

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049514.D
 Acq On : 25 Jun 2018 15:22
 Operator : MD\SY
 Sample : VN0625WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Manual Integrations
 APPROVED

apatel
 6/26/2018 5:13:59 PM

Quant Time: Jun 26 02:01:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1684663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2428676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2213741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1055042	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	989316	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
35) Dibromofluoromethane	7.59	113	892554	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
50) Toluene-d8	10.09	98	3384185	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
62) 4-Bromofluorobenzene	12.40	95	1116437	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	291675	15.04	ug/l	98
3) Chloromethane	2.06	50	365374	14.59	ug/l	97
4) Vinyl Chloride	2.18	62	408159	15.34	ug/l	99
5) Bromomethane	2.57	94	208689	14.92	ug/l	95
6) Chloroethane	2.70	64	250336	15.78	ug/l	100
7) Trichlorofluoromethane	3.02	101	579278	17.45	ug/l	99
8) Diethyl Ether	3.41	74	196285	16.94	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	365189	17.34	ug/l	92
10) Methyl Iodide	3.95	142	363391	16.58	ug/l	93
11) Tert butyl alcohol	4.79	59	105962	80.80	ug/l	97
12) 1,1-Dichloroethene	3.73	96	313272	16.22	ug/l	91
13) Acrolein	3.61	56	120180	87.39	ug/l	99
14) Allyl chloride	4.32	41	511060	16.76	ug/l	89
15) Acrylonitrile	4.99	53	542762	82.77	ug/l	98
16) Acetone	3.82	43	486102	89.60	ug/l	93
17) Carbon Disulfide	4.05	76	923645	15.26	ug/l	99
18) Methyl Acetate	4.33	43	296097	17.90	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	852215	17.30	ug/l	99
20) Methylene Chloride	4.55	84	396538	17.50	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	341645	16.71	ug/l	91
22) Diisopropyl ether	5.95	45	1086252	17.83	ug/l	97
23) Vinyl Acetate	5.90	43	3281276	82.64	ug/l	95
24) 1,1-Dichloroethane	5.85	63	671262	17.22	ug/l	98
25) 2-Butanone	6.84	43	628882	86.33	ug/l	96
26) 2,2-Dichloropropane	6.83	77	560160	17.79	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	387482	17.04	ug/l	93
28) Bromochloromethane	7.19	49	327819	18.97	ug/l #	82
29) Tetrahydrofuran	7.21	42	388156	82.77	ug/l	93
30) Chloroform	7.37	83	666065	17.17	ug/l	99
31) Cyclohexane	7.65	56	573861	17.25	ug/l #	92
32) 1,1,1-Trichloroethane	7.57	97	576955	17.43	ug/l	97
36) 1,1-Dichloropropene	7.79	75	488280	17.54	ug/l	96
37) Ethyl Acetate	6.93	43	273454	18.07	ug/l #	96
38) Carbon Tetrachloride	7.77	117	517784	17.97	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	531152	17.78	ug/l	97
40) Benzene	8.04	78	1508826	17.68	ug/l	99
41) Methacrylonitrile	7.18	41	144515m	17.67	ug/l	
42) 1,2-Dichloroethane	8.12	62	468601	17.77	ug/l	98
43) Isopropyl Acetate	8.17	43	491981	17.02	ug/l	95
44) Trichloroethene	8.83	130	415540	18.44	ug/l	95
45) 1,2-Dichloropropane	9.12	63	399040	17.86	ug/l	99
46) Dibromomethane	9.21	93	226290	17.47	ug/l	92
47) Bromodichloromethane	9.40	83	511851	17.98	ug/l	97
48) Methyl methacrylate	9.20	41	243988	17.92	ug/l	88
49) 1,4-Dioxane	9.20	88	65697	349.61	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	1347040	88.89	ug/l	95
52) Toluene	10.16	92	940168	18.77	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	465898	17.11	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	570749	17.75	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	331238	17.74	ug/l	99
56) Ethyl methacrylate	10.43	69	371920	17.27	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	553466	17.89	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	463379	71.05	ug/l	95
59) 2-Hexanone	10.75	43	869647	89.02	ug/l	94
60) Dibromochloromethane	10.90	129	370891	17.80	ug/l	98
61) 1,2-Dibromoethane	11.01	107	306859	17.68	ug/l	99
64) Tetrachloroethene	10.63	164	475445	20.96	ug/l	99
65) Chlorobenzene	11.44	112	1006713	17.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	381368	17.77	ug/l	99
67) Ethyl Benzene	11.51	91	1712374	18.10	ug/l	98
68) m/p-Xylenes	11.62	106	1320852	37.21	ug/l	97
69) o-Xylene	11.95	106	634125	18.55	ug/l	94
70) Styrene	11.97	104	976283	18.10	ug/l	98
71) Bromoform	12.13	173	244376	17.59	ug/l #	99
73) Isopropylbenzene	12.25	105	1696585	18.31	ug/l	98
74) N-amyl acetate	12.07	43	363437	16.02	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	351852	16.98	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	299623m	16.64	ug/l	
77) Bromobenzene	12.53	156	420638	17.19	ug/l	91
78) n-propylbenzene	12.59	91	1896954	18.65	ug/l	98
79) 2-Chlorotoluene	12.68	91	1168370	18.13	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1383175	19.00	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	94503	16.59	ug/l	93
82) 4-Chlorotoluene	12.77	91	1144950	18.41	ug/l	97
83) tert-Butylbenzene	12.99	119	1159279	17.97	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1379577	19.07	ug/l	98
85) sec-Butylbenzene	13.17	105	1560352	18.17	ug/l	99
86) p-Isopropyltoluene	13.29	119	1323633	18.45	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	717695	17.83	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	693758	17.39	ug/l	100
89) n-Butylbenzene	13.62	91	963041	17.19	ug/l	98
90) Hexachloroethane	13.88	117	269137	18.77	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	698788	17.70	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50888	15.78	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	210828	15.29	ug/l	99
94) Hexachlorobutadiene	15.01	225	229125	18.11	ug/l	98
95) Naphthalene	15.14	128	376421	14.50	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	234194	15.78	ug/l	99

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

