

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049515.D
 Acq On : 25 Jun 2018 16:55
 Operator : MD\SY
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Manual Integrations
 APPROVED

apatel
 6/26/2018 5:14:15 PM

Quant Time: Jun 26 02:03:02 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	7.66	168	1047045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1533647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1357211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	598978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	471520	33.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.90%	
35) Dibromofluoromethane	7.59	113	416802	33.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.18%	
50) Toluene-d8	10.09	98	1549770	32.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.60%	
62) 4-Bromofluorobenzene	12.40	95	479657	30.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	174519	14.48	ug/l	99
3) Chloromethane	2.06	50	225321	14.48	ug/l	96
4) Vinyl Chloride	2.19	62	247711	14.98	ug/l	100
5) Bromomethane	2.57	94	143613	16.52	ug/l	93
6) Chloroethane	2.70	64	155050	15.72	ug/l	100
7) Trichlorofluoromethane	3.02	101	344286	16.69	ug/l	100
8) Diethyl Ether	3.41	74	116226	16.13	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	212667	16.25	ug/l	92
10) Methyl Iodide	3.95	142	205673	15.10	ug/l	92
11) Tert butyl alcohol	4.79	59	66800	81.95	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	193164	16.09	ug/l	93
13) Acrolein	3.61	56	114070	133.45	ug/l	98
14) Allyl chloride	4.32	41	308008	16.25	ug/l	90
15) Acrylonitrile	4.99	53	323366	79.34	ug/l	98
16) Acetone	3.82	43	298385	88.49	ug/l	92
17) Carbon Disulfide	4.05	76	560619	14.90	ug/l	99
18) Methyl Acetate	4.33	43	182749	17.77	ug/l	92
19) Methyl tert-butyl Ether	5.05	73	501834	16.39	ug/l	100
20) Methylene Chloride	4.55	84	260209	18.48	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	201546	15.86	ug/l	93
22) Diisopropyl ether	5.95	45	632284	16.70	ug/l	97
23) Vinyl Acetate	5.90	43	1912573	77.50	ug/l	97
24) 1,1-Dichloroethane	5.85	63	395987	16.34	ug/l	99
25) 2-Butanone	6.84	43	368970	81.49	ug/l	97
26) 2,2-Dichloropropane	6.82	77	334342	17.09	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	231186	16.36	ug/l	90
28) Bromochloromethane	7.19	49	99684	9.28	ug/l	86
29) Tetrahydrofuran	7.22	42	228645	78.45	ug/l #	83
30) Chloroform	7.37	83	394168	16.35	ug/l	99
31) Cyclohexane	7.65	56	323090	15.61	ug/l #	90
32) 1,1,1-Trichloroethane	7.57	97	342817	16.66	ug/l	98
36) 1,1-Dichloropropene	7.79	75	282264	16.06	ug/l	97
37) Ethyl Acetate	6.93	43	158579	16.60	ug/l #	94
38) Carbon Tetrachloride	7.77	117	303647	16.69	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	297577	15.77	ug/l	98
40) Benzene	8.04	78	895194	16.61	ug/l	100
41) Methacrylonitrile	7.17	41	74073	14.34	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	279019	16.76	ug/l	97
43) Isopropyl Acetate	8.17	43	296858	16.26	ug/l	95
44) Trichloroethene	8.83	130	240998	16.94	ug/l	90
45) 1,2-Dichloropropane	9.12	63	236593	16.77	ug/l	100
46) Dibromomethane	9.21	93	136132	16.64	ug/l	91
47) Bromodichloromethane	9.40	83	298713	16.61	ug/l	97
48) Methyl methacrylate	9.20	41	137898	16.04	ug/l	88
49) 1,4-Dioxane	9.20	88	36694	309.23	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	780230	81.54	ug/l	94
52) Toluene	10.16	92	536582	16.97	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	269740	15.68	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	330004	16.25	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	197604	16.76	ug/l	96
56) Ethyl methacrylate	10.43	69	204175	15.01	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	323597	16.57	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	439651	99.55	ug/l	96
59) 2-Hexanone	10.75	43	501235	81.25	ug/l	95
60) Dibromochloromethane	10.90	129	214403	16.29	ug/l	98
61) 1,2-Dibromoethane	11.01	107	182725	16.67	ug/l	100
64) Tetrachloroethene	10.63	164	268641	19.32	ug/l	96
65) Chlorobenzene	11.44	112	581879	16.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	218396	16.60	ug/l	99
67) Ethyl Benzene	11.51	91	930250	16.04	ug/l	98
68) m/p-Xylenes	11.62	106	717238	32.96	ug/l	98
69) o-Xylene	11.95	106	344511	16.43	ug/l	95
70) Styrene	11.97	104	528626	15.98	ug/l	98
71) Bromoform	12.13	173	141217	16.58	ug/l #	98
73) Isopropylbenzene	12.25	105	910420	17.31	ug/l	98
74) N-amyl acetate	12.07	43	198778	15.43	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	204605	17.45	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	176638m	17.28	ug/l	
77) Bromobenzene	12.53	156	235721	16.97	ug/l	90
78) n-propylbenzene	12.59	91	1001926	17.35	ug/l	99
79) 2-Chlorotoluene	12.68	91	627978	17.16	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	734275	17.76	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	53367	16.50	ug/l	92
82) 4-Chlorotoluene	12.78	91	620011	17.56	ug/l	97
83) tert-Butylbenzene	12.99	119	617055	16.85	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	716017	17.44	ug/l	98
85) sec-Butylbenzene	13.17	105	842250	17.28	ug/l	98
86) p-Isopropyltoluene	13.29	119	693008	17.02	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	380222	16.64	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	366309	16.17	ug/l	100
89) n-Butylbenzene	13.62	91	485473	15.26	ug/l	99
90) Hexachloroethane	13.88	117	147071	18.00	ug/l	86
91) 1,2-Dichlorobenzene	13.66	146	380729	16.99	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29408	16.06	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	104082	13.91	ug/l	99
94) Hexachlorobutadiene	15.01	225	134309	18.79	ug/l	99
95) Naphthalene	15.14	128	202222	13.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	120229	14.60	ug/l	98

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

