

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049386.D
 Acq On : 19 Jun 2018 15:37
 Operator : MD\SY
 Sample : VN0619WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 4:54:00 PM

Quant Time: Jun 20 04:47:44 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	1537759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2335700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2095837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	969927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	984822	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.59	113	879539	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.09	98	3255815	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
62) 4-Bromofluorobenzene	12.40	95	1068567	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	346824	19.595	ug/l	100
3) Chloromethane	2.06	50	425909	18.635	ug/l	99
4) Vinyl Chloride	2.18	62	460719	18.967	ug/l	98
5) Bromomethane	2.56	94	235722	18.460	ug/l	96
6) Chloroethane	2.70	64	285794	19.733	ug/l	99
7) Trichlorofluoromethane	3.01	101	585705	19.328	ug/l	100
8) Diethyl Ether	3.41	74	208365	19.695	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	364582	18.969	ug/l	95
10) Methyl Iodide	3.95	142	332197	16.603	ug/l	92
11) Tert butyl alcohol	4.80	59	132892	111.013	ug/l	97
12) 1,1-Dichloroethene	3.73	96	330289	18.732	ug/l	90
13) Acrolein	3.61	56	193262	153.949	ug/l	99
14) Allyl chloride	4.32	41	526404	18.908	ug/l	89
15) Acrylonitrile	4.99	53	610247	101.949	ug/l	98
16) Acetone	3.82	43	501479	101.264	ug/l	91
17) Carbon Disulfide	4.05	76	995258	18.009	ug/l	99
18) Methyl Acetate	4.33	43	317761	21.044	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	916966	20.398	ug/l	100
20) Methylene Chloride	4.55	84	384726	18.601	ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	347438	18.613	ug/l	88
22) Diisopropyl ether	5.96	45	1107405	19.919	ug/l	96
23) Vinyl Acetate	5.90	43	3651208	100.743	ug/l	96
24) 1,1-Dichloroethane	5.85	63	667315	18.754	ug/l	98
25) 2-Butanone	6.84	43	698686	105.072	ug/l	97
26) 2,2-Dichloropropane	6.83	77	539919	18.788	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	400052	19.276	ug/l	92
28) Bromochloromethane	7.20	49	290738	18.429	ug/l	84
29) Tetrahydrofuran	7.22	42	447250	104.488	ug/l	93
30) Chloroform	7.37	83	684276	19.323	ug/l	100
31) Cyclohexane	7.65	56	593311	19.561	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	581303	19.239	ug/l	97
36) 1,1-Dichloropropene	7.80	75	502854	18.784	ug/l	97
37) Ethyl Acetate	6.94	43	317664	21.828	ug/l	99
38) Carbon Tetrachloride	7.78	117	512503	18.493	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	522977	18.200	ug/l	97
40) Benzene	8.04	78	1542953	18.800	ug/l	99
41) Methacrylonitrile	7.18	41	160459	20.395	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	488395	19.262	ug/l	96
43) Isopropyl Acetate	8.17	43	584729	21.029	ug/l	98
44) Trichloroethene	8.84	130	412278	19.023	ug/l	95
45) 1,2-Dichloropropane	9.12	63	401739	18.695	ug/l	98
46) Dibromomethane	9.21	93	239554	19.226	ug/l	93
47) Bromodichloromethane	9.40	83	511219	18.670	ug/l	97
48) Methyl methacrylate	9.20	41	271846	20.761	ug/l	88
49) 1,4-Dioxane	9.20	88	74795	413.873	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	1525067	104.650	ug/l	95
52) Toluene	10.16	92	949497	19.712	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	493039	18.823	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	579814	18.747	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	343704	19.141	ug/l	96
56) Ethyl methacrylate	10.43	69	416870	20.123	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	576342	19.375	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	509642	79.197	ug/l	95
59) 2-Hexanone	10.75	43	976960	103.984	ug/l	94
60) Dibromochloromethane	10.90	129	375056	18.714	ug/l	100
61) 1,2-Dibromoethane	11.01	107	328823	19.700	ug/l	99
64) Tetrachloroethene	10.63	164	437617	20.377	ug/l	98
65) Chlorobenzene	11.44	112	1005541	18.624	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	376944	18.552	ug/l	99
67) Ethyl Benzene	11.51	91	1711222	19.108	ug/l	98
68) m/p-Xylenes	11.63	106	1315611	39.145	ug/l	96
69) o-Xylene	11.95	106	623497	19.261	ug/l	97
70) Styrene	11.97	104	993399	19.452	ug/l	99
71) Bromoform	12.13	173	255490	19.426	ug/l #	98
73) Isopropylbenzene	12.25	105	1680590	19.734	ug/l	98
74) N-amyl acetate	12.07	43	408264	19.573	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	391616	21.056	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	334982m	20.241	ug/l	
77) Bromobenzene	12.53	156	423554	18.829	ug/l	91
78) n-propylbenzene	12.59	91	1841555	19.694	ug/l	99
79) 2-Chlorotoluene	12.68	91	1135879	19.172	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1338657	19.999	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	98285	18.770	ug/l	97
82) 4-Chlorotoluene	12.78	91	1109062	19.403	ug/l	98
83) tert-Butylbenzene	13.00	119	1147619	19.352	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1342228	20.185	ug/l	99
85) sec-Butylbenzene	13.17	105	1488142	18.854	ug/l	98
86) p-Isopropyltoluene	13.29	119	1264858	19.181	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	685851	18.534	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	662952	18.075	ug/l	99
89) n-Butylbenzene	13.62	91	898307	17.440	ug/l	98
90) Hexachloroethane	13.88	117	256353	19.506	ug/l	90
91) 1,2-Dichlorobenzene	13.66	146	678674	18.699	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	56418	19.029	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	211873	16.272	ug/l	98
94) Hexachlorobutadiene	15.01	225	210586	18.102	ug/l	99
95) Naphthalene	15.14	128	438025	17.654	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	232891	16.789	ug/l	97

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

