

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049737.D
 Acq On : 6 Jul 2018 14:28
 Operator : MD\SY
 Sample : VN0706WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 6:00:31 PM

Quant Time: Jul 06 16:59:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 06 11:12:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1083004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1673253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1475133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	779459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	645431	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
35) Dibromofluoromethane	7.59	113	547896	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
50) Toluene-d8	10.09	98	2023304	41.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.64%	
62) 4-Bromofluorobenzene	12.40	95	707359	42.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	213213	17.469	ug/l	95
3) Chloromethane	2.06	50	282627	18.540	ug/l	100
4) Vinyl Chloride	2.18	62	300039	18.326	ug/l	99
5) Bromomethane	2.56	94	141150	16.413	ug/l	97
6) Chloroethane	2.70	64	194892	18.807	ug/l	98
7) Trichlorofluoromethane	3.01	101	405670	21.692	ug/l	96
8) Diethyl Ether	3.41	74	146214	19.289	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	255312	18.975	ug/l	99
10) Methyl Iodide	3.95	142	277238	16.464	ug/l	97
11) Tert butyl alcohol	4.81	59	89166	108.645	ug/l	98
12) 1,1-Dichloroethene	3.73	96	228719	17.981	ug/l	98
13) Acrolein	3.61	56	111679	145.680	ug/l	97
14) Allyl chloride	4.32	41	354458	20.287	ug/l	99
15) Acrylonitrile	5.00	53	435268	102.686	ug/l	98
16) Acetone	3.82	43	348031	116.917	ug/l	99
17) Carbon Disulfide	4.05	76	606447	17.085	ug/l	99
18) Methyl Acetate	4.33	43	249955	16.025	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	628407	19.164	ug/l	97
20) Methylene Chloride	4.55	84	337020	22.884	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	237210	18.120	ug/l	99
22) Diisopropyl ether	5.96	45	755086	19.101	ug/l	98
23) Vinyl Acetate	5.90	43	2259432	88.138	ug/l	99
24) 1,1-Dichloroethane	5.85	63	466326	18.725	ug/l	100
25) 2-Butanone	6.84	43	499245	105.149	ug/l	99
26) 2,2-Dichloropropane	6.83	77	367755	17.780	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	271302	18.552	ug/l	99
28) Bromochloromethane	7.20	49	193536	18.310	ug/l	100
29) Tetrahydrofuran	7.22	42	316215	104.493	ug/l	99
30) Chloroform	7.37	83	478101	18.833	ug/l	100
31) Cyclohexane	7.65	56	383711	17.492	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	405195	18.852	ug/l	99
36) 1,1-Dichloropropene	7.79	75	341388	18.135	ug/l	99
37) Ethyl Acetate	6.93	43	230155	20.961	ug/l	98
38) Carbon Tetrachloride	7.77	117	323547	17.668	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	350785	16.995	ug/l	95
40) Benzene	8.04	78	1069269	18.602	ug/l	99
41) Methacrylonitrile	7.22	41	321979	52.022	ug/l #	20
42) 1,2-Dichloroethane	8.13	62	347969	18.968	ug/l	100
43) Isopropyl Acetate	8.17	43	438563	19.766	ug/l	98
44) Trichloroethene	8.84	130	304668	17.575	ug/l	100
45) 1,2-Dichloropropane	9.12	63	280733	18.903	ug/l	99
46) Dibromomethane	9.21	93	171361	19.073	ug/l	100
47) Bromodichloromethane	9.40	83	359746	18.809	ug/l	100
48) Methyl methacrylate	9.20	41	190888	19.564	ug/l	97
49) 1,4-Dioxane	9.20	88	54178	413.020	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1130942	105.054	ug/l	99
52) Toluene	10.16	92	643388	18.527	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	327056	17.858	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	386834	18.073	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	250508	19.374	ug/l	99
56) Ethyl methacrylate	10.43	69	296849	19.586	ug/l	99
57) 1,3-Dichloropropane	10.71	76	404872	19.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	573310	80.257	ug/l	99
59) 2-Hexanone	10.75	43	736482	103.459	ug/l	99
60) Dibromochloromethane	10.90	129	273148	19.545	ug/l	99
61) 1,2-Dibromoethane	11.01	107	234824	18.954	ug/l	98
64) Tetrachloroethene	10.63	164	363282	18.188	ug/l	97
65) Chlorobenzene	11.44	112	701490	18.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	260719	18.856	ug/l	100
67) Ethyl Benzene	11.51	91	1149137	18.065	ug/l	99
68) m/p-Xylenes	11.63	106	912372	37.426	ug/l	100
69) o-Xylene	11.95	106	440919	18.891	ug/l	99
70) Styrene	11.97	104	704908	18.666	ug/l	100
71) Bromoform	12.13	173	176755	19.238	ug/l #	99
73) Isopropylbenzene	12.25	105	1147693	18.485	ug/l	99
74) N-amyl acetate	12.07	43	317402	18.715	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	295690	22.154	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	279752m	22.378	ug/l	
77) Bromobenzene	12.53	156	305137	18.074	ug/l	100
78) n-propylbenzene	12.59	91	1337526	18.797	ug/l	100
79) 2-Chlorotoluene	12.68	91	832410	18.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1002901	19.438	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	63289	17.195	ug/l	92
82) 4-Chlorotoluene	12.78	91	819468	18.097	ug/l	100
83) tert-Butylbenzene	13.00	119	831310	18.757	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1004298	18.944	ug/l	100
85) sec-Butylbenzene	13.17	105	1102405	18.773	ug/l	100
86) p-Isopropyltoluene	13.29	119	954651	18.769	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	528576	18.129	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	519765	18.228	ug/l	99
89) n-Butylbenzene	13.62	91	725067	16.651	ug/l	100
90) Hexachloroethane	13.88	117	102237	19.136	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	536852	18.857	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	45312	20.308	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	192534	15.165	ug/l	98
94) Hexachlorobutadiene	15.01	225	160620	17.972	ug/l	99
95) Naphthalene	15.14	128	409496	15.931	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	203480	16.076	ug/l	98

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

