

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056010.D
 Acq On : 5 Jun 2019 15:22
 Operator : JC/SP
 Sample : VN0605WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 12:04:55 PM

Quant Time: Jun 06 02:04:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	325152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	490557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	433045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	168021	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.59	113	151306	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.09	98	583172	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	190903	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	72897	20.617	ug/l	99
3) Chloromethane	2.06	50	76511	21.707	ug/l	99
4) Vinyl Chloride	2.18	62	79149	22.387	ug/l	100
5) Bromomethane	2.53	94	47344	21.198	ug/l	97
6) Chloroethane	2.68	64	44867	21.887	ug/l	99
7) Trichlorofluoromethane	3.00	101	94120	20.853	ug/l	100
8) Diethyl Ether	3.40	74	40132	21.621	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	57770	21.070	ug/l	100
10) Methyl Iodide	3.94	142	88061	20.211	ug/l	98
11) Tert butyl alcohol	4.81	59	61995	110.345	ug/l	99
12) 1,1-Dichloroethene	3.72	96	59261	21.710	ug/l	95
13) Acrolein	3.60	56	16204	100.003	ug/l	95
14) Allyl chloride	4.31	41	90008	20.883	ug/l	99
15) Acrylonitrile	4.99	53	158061	115.572	ug/l	100
16) Acetone	3.82	43	135951	88.046	ug/l	99
17) Carbon Disulfide	4.04	76	126715	19.388	ug/l	100
18) Methyl Acetate	4.33	43	71876	23.390	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	189381	21.766	ug/l	98
20) Methylene Chloride	4.54	84	67890	21.341	ug/l	94
21) trans-1,2-Dichloroethene	5.03	96	61878	21.157	ug/l	95
22) Diisopropyl ether	5.95	45	186442	20.925	ug/l	96
23) Vinyl Acetate	5.90	43	774206	110.341	ug/l	99
24) 1,1-Dichloroethane	5.84	63	108886	21.186	ug/l	100
25) 2-Butanone	6.84	43	208296	106.769	ug/l	100
26) 2,2-Dichloropropane	6.82	77	71747	17.890	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	73625	21.416	ug/l	95
28) Bromochloromethane	7.19	49	48536	19.970	ug/l	97
29) Tetrahydrofuran	7.22	42	139261	115.480	ug/l	98
30) Chloroform	7.37	83	109665	21.211	ug/l	99
31) Cyclohexane	7.65	56	104602	20.418	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	91493	21.192	ug/l	99
36) 1,1-Dichloropropene	7.79	75	82899	19.653	ug/l	99
37) Ethyl Acetate	6.93	43	84247	22.447	ug/l	100
38) Carbon Tetrachloride	7.77	117	76029	19.550	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	101169	19.254	ug/l	98
40) Benzene	8.04	78	263249	20.548	ug/l	99
41) Methacrylonitrile	7.17	41	38698	22.410	ug/l	97
42) 1,2-Dichloroethane	8.12	62	82505	20.021	ug/l	99
43) Isopropyl Acetate	8.17	43	131083	21.553	ug/l #	92
44) Trichloroethene	8.83	130	73513	19.969	ug/l	99
45) 1,2-Dichloropropane	9.12	63	67718	20.636	ug/l	99
46) Dibromomethane	9.21	93	44728	20.844	ug/l	98
47) Bromodichloromethane	9.40	83	78314	20.136	ug/l	98
48) Methyl methacrylate	9.20	41	64271	21.601	ug/l	95
49) 1,4-Dioxane	9.20	88	28945	450.613	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	408715	107.465	ug/l	99
52) Toluene	10.15	92	168750	21.168	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	80547	19.215	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	96203	20.579	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	66666	21.111	ug/l	98
56) Ethyl methacrylate	10.43	69	99672	21.635	ug/l	96
57) 1,3-Dichloropropane	10.71	76	107814	21.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	174254	104.598	ug/l	99
59) 2-Hexanone	10.75	43	291203	105.642	ug/l	98
60) Dibromochloromethane	10.90	129	62140	19.419	ug/l	100
61) 1,2-Dibromoethane	11.00	107	68413	21.192	ug/l	98
64) Tetrachloroethene	10.63	164	75457	20.130	ug/l	99
65) Chlorobenzene	11.43	112	175743	20.391	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	62101	20.868	ug/l	99
67) Ethyl Benzene	11.51	91	305615	20.393	ug/l	99
68) m/p-Xylenes	11.62	106	236317	41.279	ug/l	98
69) o-Xylene	11.95	106	117070	20.789	ug/l	98
70) Styrene	11.96	104	185160	20.694	ug/l	99
71) Bromoform	12.13	173	42855	18.954	ug/l #	100
73) Isopropylbenzene	12.25	105	302256	22.360	ug/l	100
74) N-amyl acetate	12.07	43	105791	22.180	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	91167	21.948	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	79000m	23.994	ug/l	
77) Bromobenzene	12.53	156	81738	21.336	ug/l	94
78) n-propylbenzene	12.59	91	312653	20.654	ug/l	99
79) 2-Chlorotoluene	12.67	91	193295	21.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	244587	20.330	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19731	19.957	ug/l #	86
82) 4-Chlorotoluene	12.77	91	181557	20.501	ug/l	99
83) tert-Butylbenzene	12.99	119	217927	21.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	238879	20.938	ug/l	100
85) sec-Butylbenzene	13.17	105	273190	20.379	ug/l	100
86) p-Isopropyltoluene	13.29	119	244421	20.372	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	121902	20.560	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	114367	20.052	ug/l	99
89) n-Butylbenzene	13.61	91	169456	19.066	ug/l	100
90) Hexachloroethane	13.87	117	35579	19.664	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	123215	20.583	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13601	22.893	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49380	17.961	ug/l	100
94) Hexachlorobutadiene	15.01	225	43508	19.938	ug/l	99
95) Naphthalene	15.13	128	145384	19.530	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	57348	19.056	ug/l	99

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

