

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056037.D
 Acq On : 6 Jun 2019 11:34
 Operator : JC/SP
 Sample : VN0607WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 9:36:55 AM

Quant Time: Jun 06 18:48:55 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	312183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	460212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	405605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	158893	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.59	113	145195	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.09	98	553545	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	179200	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	68708	20.246	ug/l	97
3) Chloromethane	2.06	50	73603	21.750	ug/l	97
4) Vinyl Chloride	2.18	62	74216	21.863	ug/l	100
5) Bromomethane	2.54	94	48298	22.524	ug/l	97
6) Chloroethane	2.69	64	42824	21.759	ug/l	97
7) Trichlorofluoromethane	3.01	101	88880	20.510	ug/l	96
8) Diethyl Ether	3.40	74	37016	20.771	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	55347	21.025	ug/l	99
10) Methyl Iodide	3.94	142	82377	19.692	ug/l	98
11) Tert butyl alcohol	4.81	59	66083m	122.508	ug/l	
12) 1,1-Dichloroethene	3.72	96	55014	20.992	ug/l	96
13) Acrolein	3.60	56	11945	76.781	ug/l	96
14) Allyl chloride	4.31	41	85699	20.709	ug/l	98
15) Acrylonitrile	4.99	53	152489	116.129	ug/l	99
16) Acetone	3.82	43	147974	99.814	ug/l	99
17) Carbon Disulfide	4.04	76	115954	18.479	ug/l	100
18) Methyl Acetate	4.33	43	69107	23.424	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	178148	21.326	ug/l	100
20) Methylene Chloride	4.54	84	64208	21.022	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	58369	20.787	ug/l	97
22) Diisopropyl ether	5.96	45	181494	21.216	ug/l	98
23) Vinyl Acetate	5.90	43	730527	108.441	ug/l	99
24) 1,1-Dichloroethane	5.84	63	104555	21.189	ug/l	99
25) 2-Butanone	6.84	43	211553	112.943	ug/l	100
26) 2,2-Dichloropropane	6.82	77	73884	19.188	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	68930	20.883	ug/l	98
28) Bromochloromethane	7.19	49	51749	22.176	ug/l	99
29) Tetrahydrofuran	7.22	42	134512	116.176	ug/l	100
30) Chloroform	7.37	83	105468	21.247	ug/l	96
31) Cyclohexane	7.65	56	100261	20.384	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	85534	20.634	ug/l	99
36) 1,1-Dichloropropene	7.79	75	77556	19.599	ug/l	99
37) Ethyl Acetate	6.93	43	80945	22.990	ug/l	100
38) Carbon Tetrachloride	7.77	117	69835	19.142	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	95703	19.414	ug/l	99
40) Benzene	8.04	78	250678	20.857	ug/l	99
41) Methacrylonitrile	7.17	41	33201	20.495	ug/l #	84
42) 1,2-Dichloroethane	8.12	62	79989	20.690	ug/l	100
43) Isopropyl Acetate	8.17	43	121578	21.309	ug/l #	92
44) Trichloroethene	8.83	130	69519	20.129	ug/l	99
45) 1,2-Dichloropropane	9.12	63	64148	20.837	ug/l	99
46) Dibromomethane	9.21	93	42213	20.969	ug/l	99
47) Bromodichloromethane	9.40	83	73760	20.216	ug/l	100
48) Methyl methacrylate	9.20	41	58614	20.999	ug/l	98
49) 1,4-Dioxane	9.21	88	26842	445.427	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	390451	109.432	ug/l	99
52) Toluene	10.15	92	156483	20.923	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	72214	18.470	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	89066	20.308	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	62622	21.138	ug/l	98
56) Ethyl methacrylate	10.43	69	90547	20.950	ug/l	99
57) 1,3-Dichloropropane	10.71	76	103761	21.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	153035	98.868	ug/l	99
59) 2-Hexanone	10.75	43	278160	107.564	ug/l	99
60) Dibromochloromethane	10.90	129	56677	18.948	ug/l	100
61) 1,2-Dibromoethane	11.00	107	64456	21.283	ug/l	98
64) Tetrachloroethene	10.63	164	70577	20.102	ug/l	99
65) Chlorobenzene	11.43	112	165686	20.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	57150	20.504	ug/l	99
67) Ethyl Benzene	11.51	91	289632	20.634	ug/l	99
68) m/p-Xylenes	11.62	106	218443	40.738	ug/l	100
69) o-Xylene	11.95	106	110853	21.017	ug/l	97
70) Styrene	11.96	104	174266	20.794	ug/l	99
71) Bromoform	12.13	173	38569	18.320	ug/l #	100
73) Isopropylbenzene	12.25	105	287662	23.564	ug/l	100
74) N-amyl acetate	12.07	43	95920	22.152	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	86911	23.048	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	70534m	23.598	ug/l	
77) Bromobenzene	12.53	156	74840	21.519	ug/l	98
78) n-propylbenzene	12.59	91	293767	21.377	ug/l	100
79) 2-Chlorotoluene	12.67	91	184453	22.942	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	232680	21.304	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	17902	19.946	ug/l #	83
82) 4-Chlorotoluene	12.77	91	171474	21.328	ug/l	100
83) tert-Butylbenzene	12.99	119	207231	22.980	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	223073	21.538	ug/l	98
85) sec-Butylbenzene	13.17	105	263256	21.631	ug/l	100
86) p-Isopropyltoluene	13.29	119	231723	21.275	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	113546	21.095	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	105291	20.335	ug/l	98
89) n-Butylbenzene	13.61	91	163732	20.293	ug/l	99
90) Hexachloroethane	13.87	117	32136	19.564	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	116870	21.506	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12178	22.579	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45238	18.086	ug/l	98
94) Hexachlorobutadiene	15.01	225	42141	21.417	ug/l	98
95) Naphthalene	15.13	128	124521	18.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	51909	19.009	ug/l	99

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

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