

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055704.D
 Acq On : 21 May 2019 13:05
 Operator : JC/SP
 Sample : VN0521WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 4:11:29 PM

Quant Time: May 22 05:30:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	338747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	481963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	419401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	164498	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
35) Dibromofluoromethane	7.59	113	154827	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.09	98	568719	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	192451	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	49835	19.121	ug/l	99
3) Chloromethane	2.06	50	59810	17.204	ug/l	98
4) Vinyl Chloride	2.18	62	70149	18.635	ug/l	97
5) Bromomethane	2.57	94	47521	19.808	ug/l	97
6) Chloroethane	2.71	64	40337	19.299	ug/l	99
7) Trichlorofluoromethane	3.03	101	98337	20.385	ug/l	99
8) Diethyl Ether	3.41	74	38467	19.850	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	62776	21.346	ug/l	100
10) Methyl Iodide	3.96	142	81332	19.183	ug/l	99
11) Tert butyl alcohol	4.77	59	67749	97.836	ug/l	98
12) 1,1-Dichloroethene	3.74	96	60411	19.528	ug/l	97
13) Acrolein	3.61	56	28530	81.692	ug/l	98
14) Allyl chloride	4.33	41	95014	19.025	ug/l	99
15) Acrylonitrile	4.99	53	150907	97.951	ug/l	100
16) Acetone	3.81	43	148109	97.736	ug/l	99
17) Carbon Disulfide	4.06	76	153585	17.858	ug/l	100
18) Methyl Acetate	4.33	43	64149	19.745	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	202582	19.794	ug/l	98
20) Methylene Chloride	4.56	84	67021	19.379	ug/l	93
21) trans-1,2-Dichloroethene	5.05	96	64716	19.637	ug/l	95
22) Diisopropyl ether	5.95	45	189697	19.168	ug/l	97
23) Vinyl Acetate	5.90	43	797912	95.020	ug/l	98
24) 1,1-Dichloroethane	5.85	63	113976	19.642	ug/l	99
25) 2-Butanone	6.83	43	204904	96.705	ug/l	98
26) 2,2-Dichloropropane	6.83	77	100442	19.503	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	77513	20.199	ug/l	94
28) Bromochloromethane	7.20	49	43437	17.206	ug/l	91
29) Tetrahydrofuran	7.21	42	130364	92.868	ug/l	96
30) Chloroform	7.37	83	118322	19.865	ug/l	99
31) Cyclohexane	7.66	56	105999	19.247	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	103868	19.442	ug/l	98
36) 1,1-Dichloropropene	7.80	75	85582	19.917	ug/l	97
37) Ethyl Acetate	6.93	43	82798	21.353	ug/l	99
38) Carbon Tetrachloride	7.78	117	95200	20.733	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	111016	21.432	ug/l	98
40) Benzene	8.04	78	269036	21.287	ug/l	98
41) Methacrylonitrile	7.18	41	42333m	25.536	ug/l	
42) 1,2-Dichloroethane	8.12	62	86911	21.236	ug/l	100
43) Isopropyl Acetate	8.16	43	136266	20.203	ug/l	98
44) Trichloroethene	8.84	130	78893	22.122	ug/l	97
45) 1,2-Dichloropropane	9.12	63	69653	20.920	ug/l	96
46) Dibromomethane	9.21	93	46424	21.303	ug/l	95
47) Bromodichloromethane	9.40	83	94526	20.696	ug/l	99
48) Methyl methacrylate	9.20	41	59546	19.751	ug/l	95
49) 1,4-Dioxane	9.20	88	27872	465.268	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	400945	101.340	ug/l	99
52) Toluene	10.16	92	168517	21.258	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	98413	20.020	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	111041	20.620	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	69617	21.332	ug/l	98
56) Ethyl methacrylate	10.43	69	101113	19.848	ug/l	97
57) 1,3-Dichloropropane	10.71	76	108758	21.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	173125	79.979	ug/l	98
59) 2-Hexanone	10.75	43	275601	98.940	ug/l	98
60) Dibromochloromethane	10.90	129	80711	21.821	ug/l	99
61) 1,2-Dibromoethane	11.01	107	69036	21.142	ug/l	99
64) Tetrachloroethene	10.63	164	75263	22.752	ug/l	97
65) Chlorobenzene	11.43	112	181661	21.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	72851	21.348	ug/l	98
67) Ethyl Benzene	11.51	91	317484	21.009	ug/l	99
68) m/p-Xylenes	11.62	106	244600	42.862	ug/l	97
69) o-Xylene	11.95	106	120725	21.629	ug/l	95
70) Styrene	11.96	104	196240	21.145	ug/l	99
71) Bromoform	12.13	173	62293	21.540	ug/l #	100
73) Isopropylbenzene	12.25	105	321815	23.423	ug/l	99
74) N-amyl acetate	12.07	43	100689	19.317	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	95810	22.432	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	81461m	21.506	ug/l	
77) Bromobenzene	12.53	156	84529	22.172	ug/l	92
78) n-propylbenzene	12.59	91	340363	20.647	ug/l	98
79) 2-Chlorotoluene	12.67	91	208362	22.699	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	272693	23.419	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26833	18.210	ug/l	98
82) 4-Chlorotoluene	12.77	91	198001	20.385	ug/l	98
83) tert-Butylbenzene	12.99	119	243674	24.379	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	270461	23.412	ug/l	100
85) sec-Butylbenzene	13.17	105	311167	23.959	ug/l	100
86) p-Isopropyltoluene	13.29	119	284888	23.738	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	138590	21.986	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	132141	21.955	ug/l	99
89) n-Butylbenzene	13.61	91	219774	21.575	ug/l	99
90) Hexachloroethane	13.87	117	54815	23.693	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	139519	22.204	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17116	20.317	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	75680	23.661	ug/l	99
94) Hexachlorobutadiene	15.01	225	59749	29.771	ug/l	97
95) Naphthalene	15.13	128	193289	21.081	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	81017	24.225	ug/l	98

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

