

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053355.D
 Acq On : 11 Jan 2019 10:15
 Operator : MD\SY
 Sample : VN0111WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 10:41:52 AM

Quant Time: Jan 12 01:04:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	915061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1362268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1240464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	594991	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	463495	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	7.59	113	408441	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	10.09	98	1714579	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	612079	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	162435	20.135	ug/l	99
3) Chloromethane	2.06	50	223108	19.804	ug/l	100
4) Vinyl Chloride	2.19	62	212220	19.736	ug/l	100
5) Bromomethane	2.56	94	141067	20.077	ug/l	97
6) Chloroethane	2.71	64	130785	20.151	ug/l	98
7) Trichlorofluoromethane	3.02	101	277656	19.936	ug/l	98
8) Diethyl Ether	3.41	74	105214	19.274	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	182039	20.623	ug/l	100
10) Methyl Iodide	3.96	142	259636	20.984	ug/l	100
11) Tert butyl alcohol	4.78	59	42264	73.809	ug/l	98
12) 1,1-Dichloroethene	3.74	96	165846	19.424	ug/l	97
13) Acrolein	3.61	56	56935	79.081	ug/l	100
14) Allyl chloride	4.32	41	274147	19.922	ug/l	97
15) Acrylonitrile	4.98	53	313956	91.847	ug/l	100
16) Acetone	3.81	43	234386	100.966	ug/l	99
17) Carbon Disulfide	4.06	76	473154	17.975	ug/l	98
18) Methyl Acetate	4.32	43	153201	17.781	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	463302	19.334	ug/l	99
20) Methylene Chloride	4.55	84	198659	19.429	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	182490	19.906	ug/l	98
22) Diisopropyl ether	5.95	45	599739	20.230	ug/l	98
23) Vinyl Acetate	5.90	43	1805801	96.808	ug/l	100
24) 1,1-Dichloroethane	5.85	63	342938	20.057	ug/l	99
25) 2-Butanone	6.83	43	353926	90.618	ug/l	100
26) 2,2-Dichloropropane	6.82	77	257523	20.604	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	208535	19.919	ug/l	97
28) Bromochloromethane	7.20	49	147896	20.298	ug/l	98
29) Tetrahydrofuran	7.21	42	227441	88.244	ug/l	98
30) Chloroform	7.37	83	334860	19.897	ug/l	98
31) Cyclohexane	7.65	56	329973	20.192	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	279134	19.904	ug/l	100
36) 1,1-Dichloropropene	7.79	75	261540	20.565	ug/l	99
37) Ethyl Acetate	6.92	43	155173	18.732	ug/l	99
38) Carbon Tetrachloride	7.77	117	240956	20.527	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	329313	22.351	ug/l	99
40) Benzene	8.04	78	803483	20.683	ug/l	99
41) Methacrylonitrile	7.17	41	86213	16.764	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	230933	20.041	ug/l	100
43) Isopropyl Acetate	8.16	43	282054	17.308	ug/l	99
44) Trichloroethene	8.83	130	220929	20.711	ug/l	99
45) 1,2-Dichloropropane	9.12	63	211922	20.799	ug/l	100
46) Dibromomethane	9.21	93	121376	20.431	ug/l	99
47) Bromodichloromethane	9.40	83	253691	20.492	ug/l	100
48) Methyl methacrylate	9.20	41	142449	19.240	ug/l	100
49) 1,4-Dioxane	9.20	88	23833	302.143	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	794317	96.926	ug/l	100
52) Toluene	10.16	92	504868	21.184	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	259923	20.523	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	306415	20.937	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	175461	20.022	ug/l	98
56) Ethyl methacrylate	10.43	69	224495	19.713	ug/l	99
57) 1,3-Dichloropropane	10.71	76	300958	20.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	612576	99.499	ug/l	100
59) 2-Hexanone	10.75	43	559877	99.712	ug/l	99
60) Dibromochloromethane	10.90	129	193136	20.434	ug/l	100
61) 1,2-Dibromoethane	11.01	107	174104	20.133	ug/l	99
64) Tetrachloroethene	10.63	164	248652	21.297	ug/l	99
65) Chlorobenzene	11.43	112	560761	20.809	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	192045	20.361	ug/l	99
67) Ethyl Benzene	11.51	91	973758	21.266	ug/l	99
68) m/p-Xylenes	11.62	106	740152	42.987	ug/l	100
69) o-Xylene	11.95	106	359956	21.354	ug/l	100
70) Styrene	11.96	104	589880	21.501	ug/l	100
71) Bromoform	12.13	173	133385	20.021	ug/l #	99
73) Isopropylbenzene	12.25	105	958765	21.643	ug/l	100
74) N-amyl acetate	12.07	43	260097	19.663	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	199046	19.533	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	176012m	20.282	ug/l	
77) Bromobenzene	12.53	156	248185	20.992	ug/l	99
78) n-propylbenzene	12.59	91	1115945	22.271	ug/l	100
79) 2-Chlorotoluene	12.67	91	650856	21.466	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	790392	22.151	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	57549	19.511	ug/l	93
82) 4-Chlorotoluene	12.77	91	670647	21.571	ug/l	100
83) tert-Butylbenzene	12.99	119	707981	22.614	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	797387	21.935	ug/l	100
85) sec-Butylbenzene	13.17	105	968603	23.460	ug/l	100
86) p-Isopropyltoluene	13.29	119	832228	23.281	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	437875	21.031	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	429432	20.792	ug/l	99
89) n-Butylbenzene	13.62	91	685732	22.880	ug/l	100
90) Hexachloroethane	13.88	117	123259	21.513	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	404764	20.754	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23883	19.323	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	141178	23.023	ug/l	99
94) Hexachlorobutadiene	15.01	225	131282	26.174	ug/l	98
95) Naphthalene	15.13	128	224621	21.472	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	94755	23.602	ug/l	99

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

