

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053405.D
 Acq On : 15 Jan 2019 14:00
 Operator : JC/SP
 Sample : VN0115WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:51:30 AM

Quant Time: Jan 16 03:59:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 15 11:52:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	889050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1347333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1211573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	572734	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	459299	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	7.59	113	395987	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	10.09	98	1650370	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.40	95	574725	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	147053	20.573	ug/l	98
3) Chloromethane	2.06	50	208979	20.448	ug/l	99
4) Vinyl Chloride	2.19	62	196710	19.968	ug/l	100
5) Bromomethane	2.56	94	138647	20.511	ug/l	99
6) Chloroethane	2.71	64	120480	20.228	ug/l	99
7) Trichlorofluoromethane	3.02	101	267512	20.760	ug/l	100
8) Diethyl Ether	3.41	74	105538	21.807	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	168061	20.594	ug/l	100
10) Methyl Iodide	3.96	142	252597	20.255	ug/l	100
11) Tert butyl alcohol	4.78	59	54643	127.081	ug/l	100
12) 1,1-Dichloroethene	3.74	96	162250	20.498	ug/l	99
13) Acrolein	3.61	56	85438	115.305	ug/l	99
14) Allyl chloride	4.33	41	272430	21.189	ug/l	95
15) Acrylonitrile	4.99	53	324696	114.743	ug/l	99
16) Acetone	3.81	43	218405	105.935	ug/l	100
17) Carbon Disulfide	4.06	76	481757	20.126	ug/l	99
18) Methyl Acetate	4.33	43	153562	22.108	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	464404	22.081	ug/l	99
20) Methylene Chloride	4.55	84	190263	20.214	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	175778	20.772	ug/l	99
22) Diisopropyl ether	5.95	45	574411	21.401	ug/l	97
23) Vinyl Acetate	5.90	43	1838995	111.460	ug/l	99
24) 1,1-Dichloroethane	5.85	63	331811	20.912	ug/l	99
25) 2-Butanone	6.84	43	365069	114.907	ug/l	98
26) 2,2-Dichloropropane	6.83	77	246656	20.589	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	205272	21.213	ug/l	99
28) Bromochloromethane	7.19	49	150084	21.471	ug/l	100
29) Tetrahydrofuran	7.21	42	244015	117.979	ug/l	97
30) Chloroform	7.37	83	324260	20.975	ug/l	98
31) Cyclohexane	7.66	56	320208	20.605	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	268950	20.509	ug/l	100
36) 1,1-Dichloropropene	7.80	75	249502	20.334	ug/l	100
37) Ethyl Acetate	6.93	43	163608	22.985	ug/l	100
38) Carbon Tetrachloride	7.78	117	235384	20.262	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	311601	20.546	ug/l	99
40) Benzene	8.04	78	768073	20.599	ug/l	99
41) Methacrylonitrile	7.17	41	89893	20.423	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	227921	20.982	ug/l	99
43) Isopropyl Acetate	8.17	43	300591	22.678	ug/l	98
44) Trichloroethene	8.84	130	210137	20.322	ug/l	100
45) 1,2-Dichloropropane	9.12	63	205183	20.775	ug/l	100
46) Dibromomethane	9.21	93	118031	20.801	ug/l	100
47) Bromodichloromethane	9.40	83	241961	20.277	ug/l	99
48) Methyl methacrylate	9.20	41	143070	21.829	ug/l	99
49) 1,4-Dioxane	9.20	88	30826	481.589	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	808772	116.715	ug/l	99
52) Toluene	10.16	92	478566	20.674	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	253789	20.983	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	297089	20.953	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	172617	21.629	ug/l	99
56) Ethyl methacrylate	10.43	69	226719	21.251	ug/l	99
57) 1,3-Dichloropropane	10.71	76	292447	21.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	611566	109.535	ug/l	100
59) 2-Hexanone	10.75	43	562834	115.705	ug/l	100
60) Dibromochloromethane	10.90	129	187235	20.684	ug/l	100
61) 1,2-Dibromoethane	11.01	107	172759	21.404	ug/l	98
64) Tetrachloroethene	10.63	164	224734	19.683	ug/l	99
65) Chlorobenzene	11.43	112	526525	20.531	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	184190	20.646	ug/l	99
67) Ethyl Benzene	11.51	91	907657	20.768	ug/l	100
68) m/p-Xylenes	11.62	106	694813	42.107	ug/l	100
69) o-Xylene	11.95	106	332147	20.715	ug/l	98
70) Styrene	11.96	104	553181	21.257	ug/l	100
71) Bromoform	12.13	173	129301	21.052	ug/l #	100
73) Isopropylbenzene	12.25	105	896061	21.364	ug/l	100
74) N-amyl acetate	12.07	43	258662	23.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	201941	22.957	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	179773m	24.930	ug/l	
77) Bromobenzene	12.53	156	235103	21.273	ug/l	99
78) n-propylbenzene	12.59	91	1021948	21.227	ug/l	100
79) 2-Chlorotoluene	12.68	91	600160	21.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	733615	21.498	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	60200	21.696	ug/l	98
82) 4-Chlorotoluene	12.77	91	617347	21.214	ug/l	99
83) tert-Butylbenzene	12.99	119	645529	21.418	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	735236	21.368	ug/l	99
85) sec-Butylbenzene	13.17	105	880575	21.303	ug/l	100
86) p-Isopropyltoluene	13.29	119	761776	21.225	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	410093	21.095	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	404618	20.749	ug/l	99
89) n-Butylbenzene	13.62	91	633822	20.718	ug/l	99
90) Hexachloroethane	13.88	117	116662	20.726	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	394552	22.060	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27226	24.410	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	163118	22.293	ug/l	99
94) Hexachlorobutadiene	15.01	225	126392	22.654	ug/l	98
95) Naphthalene	15.13	128	290776	23.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	120331	23.116	ug/l	98

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

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