

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053404.D
 Acq On : 15 Jan 2019 13:33
 Operator : JC/SP
 Sample : VN0115WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:51:25 AM

Quant Time: Jan 16 03:57:16 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	918022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1396522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1257510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	592049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	474003	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.59	113	409678	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.09	98	1731408	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.40	95	595546	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	151456	20.520	ug/l	100
3) Chloromethane	2.06	50	217872	20.646	ug/l	98
4) Vinyl Chloride	2.19	62	209001	20.546	ug/l	100
5) Bromomethane	2.57	94	142059	20.353	ug/l	98
6) Chloroethane	2.71	64	125790	20.453	ug/l	100
7) Trichlorofluoromethane	3.03	101	269457	20.251	ug/l	99
8) Diethyl Ether	3.42	74	107894	21.590	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	170121	20.189	ug/l	99
10) Methyl Iodide	3.96	142	262839	20.411	ug/l	99
11) Tert butyl alcohol	4.77	59	56170	126.510	ug/l	99
12) 1,1-Dichloroethene	3.74	96	167497	20.493	ug/l	97
13) Acrolein	3.61	56	90670	117.873	ug/l	100
14) Allyl chloride	4.33	41	283459	21.351	ug/l	95
15) Acrylonitrile	4.99	53	336764	115.252	ug/l	99
16) Acetone	3.81	43	224390	105.403	ug/l	98
17) Carbon Disulfide	4.06	76	498318	20.161	ug/l	99
18) Methyl Acetate	4.33	43	151769	21.160	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	476366	21.935	ug/l	98
20) Methylene Chloride	4.56	84	196403	20.207	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	179915	20.590	ug/l	98
22) Diisopropyl ether	5.95	45	598803	21.606	ug/l	98
23) Vinyl Acetate	5.90	43	1908484	112.021	ug/l	99
24) 1,1-Dichloroethane	5.85	63	342653	20.914	ug/l	99
25) 2-Butanone	6.83	43	378230	115.293	ug/l	99
26) 2,2-Dichloropropane	6.83	77	255866	20.684	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	212062	21.223	ug/l	99
28) Bromochloromethane	7.20	49	152195	21.086	ug/l	99
29) Tetrahydrofuran	7.21	42	245573	114.986	ug/l	100
30) Chloroform	7.37	83	335955	21.046	ug/l	98
31) Cyclohexane	7.66	56	324744	20.234	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	281741	20.806	ug/l	99
36) 1,1-Dichloropropene	7.80	75	261781	20.583	ug/l	99
37) Ethyl Acetate	6.93	43	168262	22.806	ug/l	99
38) Carbon Tetrachloride	7.78	117	245049	20.351	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	315954	20.099	ug/l	99
40) Benzene	8.04	78	801881	20.748	ug/l	99
41) Methacrylonitrile	7.17	41	93401	20.472	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	236504	21.005	ug/l	99
43) Isopropyl Acetate	8.17	43	302619	22.027	ug/l	100
44) Trichloroethene	8.84	130	220931	20.613	ug/l	97
45) 1,2-Dichloropropane	9.12	63	212622	20.770	ug/l	97
46) Dibromomethane	9.21	93	121201	20.607	ug/l	97
47) Bromodichloromethane	9.40	83	253044	20.459	ug/l	98
48) Methyl methacrylate	9.20	41	146768	21.605	ug/l	97
49) 1,4-Dioxane	9.20	88	32100	483.829	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	841189	117.117	ug/l	100
52) Toluene	10.16	92	495810	20.664	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	264899	21.130	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	307863	20.948	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	179826	21.739	ug/l	99
56) Ethyl methacrylate	10.43	69	235216	21.269	ug/l	99
57) 1,3-Dichloropropane	10.71	76	303748	21.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	620922	107.293	ug/l	100
59) 2-Hexanone	10.75	43	584466	115.920	ug/l	100
60) Dibromochloromethane	10.90	129	192404	20.507	ug/l	99
61) 1,2-Dibromoethane	11.01	107	179054	21.402	ug/l	100
64) Tetrachloroethene	10.63	164	234698	19.805	ug/l	99
65) Chlorobenzene	11.44	112	551675	20.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	191505	20.681	ug/l	100
67) Ethyl Benzene	11.51	91	944507	20.821	ug/l	100
68) m/p-Xylenes	11.62	106	719906	42.034	ug/l	99
69) o-Xylene	11.95	106	349736	21.015	ug/l	100
70) Styrene	11.97	104	579984	21.473	ug/l	99
71) Bromoform	12.13	173	136853	21.468	ug/l #	99
73) Isopropylbenzene	12.25	105	932937	21.518	ug/l	100
74) N-amyl acetate	12.07	43	264421	22.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	209676	23.059	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	184189m	24.709	ug/l	
77) Bromobenzene	12.53	156	244715	21.420	ug/l	99
78) n-propylbenzene	12.59	91	1065980	21.419	ug/l	99
79) 2-Chlorotoluene	12.68	91	629524	21.340	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	751273	21.297	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	62512	21.783	ug/l	100
82) 4-Chlorotoluene	12.77	91	637217	21.182	ug/l	99
83) tert-Butylbenzene	12.99	119	670642	21.525	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	759488	21.353	ug/l	100
85) sec-Butylbenzene	13.17	105	910652	21.312	ug/l	100
86) p-Isopropyltoluene	13.29	119	786380	21.196	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	422079	21.003	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	414166	20.546	ug/l	99
89) n-Butylbenzene	13.62	91	650319	20.563	ug/l	100
90) Hexachloroethane	13.88	117	119078	20.465	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	401860	21.736	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26960	23.383	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	161130	21.426	ug/l	99
94) Hexachlorobutadiene	15.01	225	126331	21.904	ug/l	100
95) Naphthalene	15.13	128	277584	21.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	120776	22.558	ug/l	98

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

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