

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051736.D
 Acq On : 8 Oct 2018 15:24
 Operator : MD\SY
 Sample : VN1008WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 11:48:40 AM

Quant Time: Oct 09 05:16:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	560979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	783658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	406410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	368589	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	7.59	113	327242	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.09	98	1225757	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	396590	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	147247	21.655	ug/l	98
3) Chloromethane	2.06	50	135114	21.105	ug/l	99
4) Vinyl Chloride	2.18	62	207087	20.535	ug/l	98
5) Bromomethane	2.56	94	169961	21.915	ug/l	97
6) Chloroethane	2.70	64	138350	20.412	ug/l	99
7) Trichlorofluoromethane	3.01	101	247119	22.802	ug/l	98
8) Diethyl Ether	3.41	74	64573	21.973	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	123224	21.984	ug/l	98
10) Methyl Iodide	3.95	142	135549	19.773	ug/l	99
11) Tert butyl alcohol	4.80	59	51523	102.300	ug/l	99
12) 1,1-Dichloroethene	3.74	96	112496	21.534	ug/l	93
13) Acrolein	3.61	56	28429	90.350	ug/l	99
14) Allyl chloride	4.33	41	154302	19.365	ug/l	98
15) Acrylonitrile	4.99	53	176780	101.716	ug/l	97
16) Acetone	3.82	43	129930	92.825	ug/l	97
17) Carbon Disulfide	4.05	76	300446	18.920	ug/l	99
18) Methyl Acetate	4.33	43	93018	22.740	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	348587	20.215	ug/l	99
20) Methylene Chloride	4.55	84	124949	20.493	ug/l	92
21) trans-1,2-Dichloroethene	5.05	96	120948	19.537	ug/l	92
22) Diisopropyl ether	5.96	45	337100	19.736	ug/l	97
23) Vinyl Acetate	5.90	43	1227091	97.708	ug/l	99
24) 1,1-Dichloroethane	5.85	63	216375	19.698	ug/l	99
25) 2-Butanone	6.84	43	207703	97.059	ug/l	100
26) 2,2-Dichloropropane	6.83	77	188159	17.093	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	147064	20.463	ug/l	94
28) Bromochloromethane	7.20	49	93297	19.184	ug/l	96
29) Tetrahydrofuran	7.22	42	139188	105.989	ug/l	98
30) Chloroform	7.37	83	247615	20.063	ug/l	98
31) Cyclohexane	7.66	56	192912	19.176	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	240415	20.097	ug/l	96
36) 1,1-Dichloropropene	7.80	75	172425	19.358	ug/l	99
37) Ethyl Acetate	6.93	43	96206	20.709	ug/l	97
38) Carbon Tetrachloride	7.78	117	208796	19.535	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	215106	19.239	ug/l	98
40) Benzene	8.04	78	525105	19.886	ug/l	100
41) Methacrylonitrile	7.18	41	46043	19.051	ug/l	92
42) 1,2-Dichloroethane	8.13	62	181881	20.439	ug/l	100
43) Isopropyl Acetate	8.17	43	200421	20.693	ug/l #	89
44) Trichloroethene	8.84	130	153282	20.444	ug/l	98
45) 1,2-Dichloropropane	9.12	63	129522	19.840	ug/l	99
46) Dibromomethane	9.21	93	92536	20.392	ug/l	99
47) Bromodichloromethane	9.40	83	195887	19.610	ug/l	100
48) Methyl methacrylate	9.20	41	90247	20.391	ug/l	97
49) 1,4-Dioxane	9.20	88	27251	410.634	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	524425	106.852	ug/l	99
52) Toluene	10.16	92	346539	19.732	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	190137	18.446	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	201487	18.408	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	127457	20.373	ug/l	98
56) Ethyl methacrylate	10.43	69	160614	20.301	ug/l	99
57) 1,3-Dichloropropane	10.71	76	203299	20.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	321538	98.198	ug/l	98
59) 2-Hexanone	10.75	43	341082	102.330	ug/l	97
60) Dibromochloromethane	10.90	129	155558	19.000	ug/l	99
61) 1,2-Dibromoethane	11.01	107	132690	20.063	ug/l	99
64) Tetrachloroethene	10.63	164	145252	21.009	ug/l	97
65) Chlorobenzene	11.44	112	390735	20.132	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	153568	19.761	ug/l	98
67) Ethyl Benzene	11.51	91	671958	20.031	ug/l	99
68) m/p-Xylenes	11.62	106	538401	40.112	ug/l	99
69) o-Xylene	11.95	106	264587	20.100	ug/l	100
70) Styrene	11.97	104	413988	19.737	ug/l	99
71) Bromoform	12.13	173	105144	18.190	ug/l #	98
73) Isopropylbenzene	12.25	105	706209	20.385	ug/l	99
74) N-amyl acetate	12.07	43	157149	19.977	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	153374	20.554	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	134026m	24.444	ug/l	
77) Bromobenzene	12.53	156	168525	19.895	ug/l	98
78) n-propylbenzene	12.59	91	749591	19.837	ug/l	100
79) 2-Chlorotoluene	12.68	91	445514	20.005	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	590728	20.233	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37417	16.924	ug/l	85
82) 4-Chlorotoluene	12.77	91	439652	19.652	ug/l	98
83) tert-Butylbenzene	12.99	119	538852	20.598	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	602507	20.603	ug/l	99
85) sec-Butylbenzene	13.17	105	704918	20.371	ug/l	99
86) p-Isopropyltoluene	13.29	119	634301	20.676	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	299555	20.294	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	291263	20.047	ug/l	99
89) n-Butylbenzene	13.62	91	469775	19.368	ug/l	98
90) Hexachloroethane	13.88	117	115737	18.909	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	297358	20.265	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25905	21.286	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	120297	18.424	ug/l	99
94) Hexachlorobutadiene	15.01	225	87431	19.736	ug/l	97
95) Naphthalene	15.13	128	260398	18.468	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	125768	19.558	ug/l	99

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

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