

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010919\
 Data File : VN053322.D
 Acq On : 9 Jan 2019 11:13
 Operator : MD\SY
 Sample : VN0109WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0109WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/10/2019 9:25:24 AM

Quant Time: Jan 10 03:32:37 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	7.67	168	975155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1495876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1341436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	616419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	499112	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.59	113	424844	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	10.09	98	1805165	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.40	95	632718	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	173578	20.191	ug/l	97
3) Chloromethane	2.06	50	230829	19.227	ug/l	99
4) Vinyl Chloride	2.19	62	225728	19.699	ug/l	100
5) Bromomethane	2.57	94	151958	20.294	ug/l	100
6) Chloroethane	2.71	64	137354	19.859	ug/l	100
7) Trichlorofluoromethane	3.02	101	297689	20.057	ug/l	100
8) Diethyl Ether	3.41	74	117416	20.183	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	185789	19.751	ug/l	99
10) Methyl Iodide	3.96	142	278560	21.126	ug/l	99
11) Tert butyl alcohol	4.77	59	60623	99.347	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	181522	19.950	ug/l	98
13) Acrolein	3.61	56	72770	94.846	ug/l	99
14) Allyl chloride	4.33	41	298530	20.357	ug/l	97
15) Acrylonitrile	4.99	53	363670	99.835	ug/l	98
16) Acetone	3.82	43	262046	106.035	ug/l	99
17) Carbon Disulfide	4.06	76	534999	19.072	ug/l	100
18) Methyl Acetate	4.33	43	173787	18.927	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	519640	20.349	ug/l	98
20) Methylene Chloride	4.55	84	209346	19.213	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	194349	19.893	ug/l	99
22) Diisopropyl ether	5.95	45	633618	20.056	ug/l	98
23) Vinyl Acetate	5.90	43	2006933	100.960	ug/l	100
24) 1,1-Dichloroethane	5.85	63	364683	20.014	ug/l	100
25) 2-Butanone	6.84	43	409867	98.474	ug/l	100
26) 2,2-Dichloropropane	6.83	77	265577	19.939	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	222149	19.912	ug/l	98
28) Bromochloromethane	7.20	49	170186	21.918	ug/l	100
29) Tetrahydrofuran	7.21	42	274550	99.957	ug/l	99
30) Chloroform	7.37	83	357891	19.955	ug/l	99
31) Cyclohexane	7.66	56	339889	19.511	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	297334	19.895	ug/l	100
36) 1,1-Dichloropropene	7.80	75	275831	19.752	ug/l	99
37) Ethyl Acetate	6.93	43	181880	19.995	ug/l	99
38) Carbon Tetrachloride	7.78	117	255988	19.860	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	309011	19.100	ug/l	99
40) Benzene	8.04	78	844760	19.803	ug/l	100
41) Methacrylonitrile	7.18	41	109940	19.468	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	251145	19.848	ug/l	100
43) Isopropyl Acetate	8.16	43	322591	18.027	ug/l	99
44) Trichloroethene	8.84	130	229682	19.609	ug/l	99
45) 1,2-Dichloropropane	9.12	63	221742	19.819	ug/l	99
46) Dibromomethane	9.21	93	130940	20.072	ug/l	100
47) Bromodichloromethane	9.40	83	268781	19.771	ug/l	99
48) Methyl methacrylate	9.20	41	160268	19.714	ug/l	99
49) 1,4-Dioxane	9.20	88	35295	407.487	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	914598	101.635	ug/l	100
52) Toluene	10.16	92	524306	20.034	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	275866	19.837	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	323268	20.116	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	189315	19.674	ug/l	99
56) Ethyl methacrylate	10.43	69	251302	20.096	ug/l	100
57) 1,3-Dichloropropane	10.71	76	323660	20.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	680859	100.712	ug/l	99
59) 2-Hexanone	10.75	43	627303	101.742	ug/l	100
60) Dibromochloromethane	10.90	129	205711	19.820	ug/l	100
61) 1,2-Dibromoethane	11.01	107	189941	20.002	ug/l	100
64) Tetrachloroethene	10.63	164	249928	19.795	ug/l	99
65) Chlorobenzene	11.43	112	581732	19.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	202753	19.878	ug/l	100
67) Ethyl Benzene	11.51	91	989814	19.989	ug/l	99
68) m/p-Xylenes	11.62	106	760810	40.860	ug/l	99
69) o-Xylene	11.95	106	370218	20.309	ug/l	100
70) Styrene	11.96	104	604557	20.378	ug/l	100
71) Bromoform	12.13	173	146323	20.310	ug/l #	99
73) Isopropylbenzene	12.25	105	966163	21.052	ug/l	99
74) N-amyl acetate	12.07	43	285153	20.807	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	224702	21.284	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	195199m	21.711	ug/l	
77) Bromobenzene	12.53	156	255244	20.838	ug/l	98
78) n-propylbenzene	12.59	91	1077781	20.761	ug/l	99
79) 2-Chlorotoluene	12.67	91	649851	20.688	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	773323	20.919	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	64050	20.960	ug/l	97
82) 4-Chlorotoluene	12.77	91	661627	20.541	ug/l	100
83) tert-Butylbenzene	12.99	119	676460	20.856	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	778573	20.673	ug/l	100
85) sec-Butylbenzene	13.17	105	885506	20.702	ug/l	99
86) p-Isopropyltoluene	13.29	119	762453	20.588	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	436144	20.220	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	428737	20.037	ug/l	99
89) n-Butylbenzene	13.62	91	601787	19.381	ug/l	99
90) Hexachloroethane	13.88	117	112833	19.008	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	413513	20.466	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27742	21.665	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	139609	21.975	ug/l	99
94) Hexachlorobutadiene	15.01	225	114155	21.968	ug/l	99
95) Naphthalene	15.13	128	259564	23.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	99453	23.911	ug/l	99

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

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