

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051140.D
 Acq On : 12 Sep 2018 10:02
 Operator : MD\SY
 Sample : VN0912WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 5:20:05 PM

Quant Time: Sep 13 07:45:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	880476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	797462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	390380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	361434	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	7.59	113	347372	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.09	98	1301654	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.40	95	424824	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	108852	17.96	ug/l	97
3) Chloromethane	2.06	50	145632	18.26	ug/l	99
4) Vinyl Chloride	2.18	62	151601	18.22	ug/l	99
5) Bromomethane	2.56	94	79087	16.18	ug/l	96
6) Chloroethane	2.70	64	91768	17.87	ug/l	97
7) Trichlorofluoromethane	3.01	101	207744	18.84	ug/l	100
8) Diethyl Ether	3.41	74	77602	19.14	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	133777	18.82	ug/l	100
10) Methyl Iodide	3.95	142	79212	16.21	ug/l	99
11) Tert butyl alcohol	4.79	59	56197	105.18	ug/l	99
12) 1,1-Dichloroethene	3.73	96	119255	17.79	ug/l	100
13) Acrolein	3.61	56	55882	101.65	ug/l	100
14) Allyl chloride	4.32	41	182569	17.87	ug/l	98
15) Acrylonitrile	4.99	53	243971	103.05	ug/l	100
16) Acetone	3.82	43	184892	103.48	ug/l	100
17) Carbon Disulfide	4.05	76	353055	17.94	ug/l	100
18) Methyl Acetate	4.33	43	116224	20.75	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	346576	19.55	ug/l	100
20) Methylene Chloride	4.55	84	143899	18.62	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	132238	18.18	ug/l	99
22) Diisopropyl ether	5.95	45	399896	19.72	ug/l	99
23) Vinyl Acetate	5.90	43	1355756	98.80	ug/l	100
24) 1,1-Dichloroethane	5.85	63	242106	18.82	ug/l	98
25) 2-Butanone	6.84	43	276952	100.70	ug/l	99
26) 2,2-Dichloropropane	6.83	77	189474	17.99	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	145817	18.28	ug/l	99
28) Bromochloromethane	7.19	49	110228	19.25	ug/l	99
29) Tetrahydrofuran	7.22	42	185130	107.79	ug/l	100
30) Chloroform	7.37	83	245611	19.19	ug/l	97
31) Cyclohexane	7.65	56	213288	18.45	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	208379	19.11	ug/l	100
36) 1,1-Dichloropropene	7.79	75	183504	18.98	ug/l	99
37) Ethyl Acetate	6.93	43	121241	21.66	ug/l	100
38) Carbon Tetrachloride	7.77	117	184770	19.42	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	197843	18.55	ug/l	99
40) Benzene	8.04	78	571940	19.63	ug/l	98
41) Methacrylonitrile	7.18	41	57385	19.87	ug/l	98
42) 1,2-Dichloroethane	8.13	62	170337	20.06	ug/l	100
43) Isopropyl Acetate	8.17	43	205528	20.81	ug/l	99
44) Trichloroethene	8.84	130	150775	18.92	ug/l	96
45) 1,2-Dichloropropane	9.12	63	148977	19.79	ug/l	99
46) Dibromomethane	9.21	93	90714	19.75	ug/l	99
47) Bromodichloromethane	9.40	83	188593	20.20	ug/l	97
48) Methyl methacrylate	9.20	41	101196	21.02	ug/l	98
49) 1,4-Dioxane	9.20	88	32358	428.63	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	599725	109.78	ug/l	100
52) Toluene	10.16	92	352225	19.83	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	180669	19.33	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	214488	19.57	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	131928	20.45	ug/l	99
56) Ethyl methacrylate	10.43	69	160078	20.03	ug/l	98
57) 1,3-Dichloropropane	10.71	76	217223	20.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	316743	96.95	ug/l	100
59) 2-Hexanone	10.75	43	393864	106.31	ug/l	98
60) Dibromochloromethane	10.90	129	145947	20.07	ug/l	100
61) 1,2-Dibromoethane	11.01	107	129152	20.48	ug/l	100
64) Tetrachloroethene	10.63	164	142373	19.57	ug/l	99
65) Chlorobenzene	11.43	112	382445	19.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	142618	19.71	ug/l	99
67) Ethyl Benzene	11.51	91	630915	19.38	ug/l	100
68) m/p-Xylenes	11.62	106	498298	39.84	ug/l	100
69) o-Xylene	11.95	106	238512	19.69	ug/l	100
70) Styrene	11.96	104	380484	20.25	ug/l	99
71) Bromoform	12.13	173	103078	20.23	ug/l #	99
73) Isopropylbenzene	12.25	105	630251	19.25	ug/l	100
74) N-amyl acetate	12.07	43	155399	18.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	172352	22.06	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	146706m	23.45	ug/l	
77) Bromobenzene	12.53	156	163840	18.63	ug/l	98
78) n-propylbenzene	12.59	91	695877	19.34	ug/l	99
79) 2-Chlorotoluene	12.68	91	430781	19.15	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	520570	19.67	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	37607	18.30	ug/l	96
82) 4-Chlorotoluene	12.77	91	422959	18.94	ug/l	99
83) tert-Butylbenzene	12.99	119	440576	18.86	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	516093	19.83	ug/l	99
85) sec-Butylbenzene	13.17	105	582218	19.43	ug/l	99
86) p-Isopropyltoluene	13.29	119	498053	19.60	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	273702	18.35	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	262831	19.20	ug/l	98
89) n-Butylbenzene	13.62	91	358923	18.15	ug/l	98
90) Hexachloroethane	13.87	117	92283	19.57	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	270256	18.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23435	21.34	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	98980	16.95	ug/l	98
94) Hexachlorobutadiene	15.01	225	88938	19.94	ug/l	99
95) Naphthalene	15.13	128	190411	16.93	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	105181	17.70	ug/l	98

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

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