

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050235.D
 Acq On : 1 Aug 2018 9:21
 Operator : MD\SY
 Sample : VN0801WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:53:41 AM

Quant Time: Aug 02 01:07:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	739815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1079950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	976155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	495660	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	500591	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	7.59	113	452804	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
50) Toluene-d8	10.09	98	1645205	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.40	95	543213	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	204167	19.207	ug/l	99
3) Chloromethane	2.06	50	199533	17.268	ug/l	99
4) Vinyl Chloride	2.18	62	216437	17.787	ug/l	96
5) Bromomethane	2.56	94	79784	11.025	ug/l	99
6) Chloroethane	2.70	64	125566	17.183	ug/l	100
7) Trichlorofluoromethane	3.01	101	296344	18.800	ug/l	97
8) Diethyl Ether	3.41	74	98883	18.817	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	185503	19.570	ug/l	100
10) Methyl Iodide	3.95	142	106430	8.748	ug/l	98
11) Tert butyl alcohol	4.80	59	74892	98.609	ug/l	99
12) 1,1-Dichloroethene	3.73	96	157403	18.460	ug/l	96
13) Acrolein	3.61	56	33066	54.188	ug/l	94
14) Allyl chloride	4.32	41	254938	19.282	ug/l	98
15) Acrylonitrile	4.99	53	322633	97.368	ug/l	100
16) Acetone	3.82	43	283621	114.294	ug/l	97
17) Carbon Disulfide	4.05	76	438675	16.793	ug/l	100
18) Methyl Acetate	4.33	43	234026	23.896	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	454001	19.980	ug/l	99
20) Methylene Chloride	4.55	84	186414	19.606	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	170325	18.851	ug/l	98
22) Diisopropyl ether	5.96	45	552735	21.084	ug/l	99
23) Vinyl Acetate	5.90	43	1784840	96.339	ug/l	99
24) 1,1-Dichloroethane	5.85	63	329742	19.235	ug/l	99
25) 2-Butanone	6.84	43	410022	104.142	ug/l	99
26) 2,2-Dichloropropane	6.82	77	275951	21.159	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	192449	19.787	ug/l	99
28) Bromochloromethane	7.20	49	163383	20.895	ug/l	100
29) Tetrahydrofuran	7.21	42	254683	100.106	ug/l	99
30) Chloroform	7.37	83	341141	19.501	ug/l	99
31) Cyclohexane	7.65	56	271762	19.073	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	282855	18.902	ug/l	98
36) 1,1-Dichloropropene	7.79	75	243293	19.996	ug/l	100
37) Ethyl Acetate	6.93	43	169349	19.963	ug/l	98
38) Carbon Tetrachloride	7.77	117	254043	19.678	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	248204	19.830	ug/l	97
40) Benzene	8.04	78	742508	20.055	ug/l	100
41) Methacrylonitrile	7.18	41	84606	20.845	ug/l	86
42) 1,2-Dichloroethane	8.13	62	242367	19.622	ug/l	100
43) Isopropyl Acetate	8.17	43	339247	20.551	ug/l	95
44) Trichloroethene	8.84	130	196255	19.727	ug/l	99
45) 1,2-Dichloropropane	9.12	63	199358	20.329	ug/l	100
46) Dibromomethane	9.21	93	123704	20.315	ug/l	99
47) Bromodichloromethane	9.40	83	257843	20.063	ug/l	100
48) Methyl methacrylate	9.20	41	148894	20.380	ug/l	98
49) 1,4-Dioxane	9.20	88	44309	445.657	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	875173	104.947	ug/l	99
52) Toluene	10.16	92	460650	21.078	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	254295	20.969	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	289800	20.910	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	177087	20.428	ug/l	99
56) Ethyl methacrylate	10.43	69	215056	19.601	ug/l	99
57) 1,3-Dichloropropane	10.71	76	290459	20.577	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	491551	95.068	ug/l	99
59) 2-Hexanone	10.75	43	602084	101.396	ug/l	99
60) Dibromochloromethane	10.90	129	198346	20.666	ug/l	99
61) 1,2-Dibromoethane	11.01	107	169040	19.654	ug/l	97
64) Tetrachloroethene	10.63	164	183457	19.548	ug/l	97
65) Chlorobenzene	11.44	112	495631	20.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	191262	20.188	ug/l	100
67) Ethyl Benzene	11.51	91	820240	20.708	ug/l	100
68) m/p-Xylenes	11.62	106	644059	42.989	ug/l	99
69) o-Xylene	11.95	106	301136	21.085	ug/l	99
70) Styrene	11.97	104	491654	19.922	ug/l	99
71) Bromoform	12.13	173	136405	19.792	ug/l #	98
73) Isopropylbenzene	12.25	105	815719	21.220	ug/l	100
74) N-amyl acetate	12.07	43	232907	19.824	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	228885	21.277	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	192825m	20.933	ug/l	
77) Bromobenzene	12.53	156	209188	19.634	ug/l	98
78) n-propylbenzene	12.59	91	942384	21.933	ug/l	99
79) 2-Chlorotoluene	12.68	91	569705	21.392	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	675104	22.327	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59158	20.370	ug/l	96
82) 4-Chlorotoluene	12.77	91	574393	21.780	ug/l	100
83) tert-Butylbenzene	12.99	119	574606	21.776	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	680485	22.327	ug/l	100
85) sec-Butylbenzene	13.17	105	777688	22.057	ug/l	100
86) p-Isopropyltoluene	13.29	119	672038	22.620	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	369578	20.462	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	359482	20.421	ug/l	99
89) n-Butylbenzene	13.62	91	525708	21.519	ug/l	100
90) Hexachloroethane	13.88	117	130230	19.741	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	361729	20.035	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33212	18.886	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	159701	18.736	ug/l	98
94) Hexachlorobutadiene	15.01	225	116349	21.050	ug/l	100
95) Naphthalene	15.14	128	327117	17.590	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	165330	19.151	ug/l	99

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

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