

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059508.D
 Acq On : 6 Dec 2019 12:32
 Operator : JC/SP
 Sample : VN1206WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Manual Integrations
 APPROVED

apatel
 12/9/2019 8:47:46 AM

Quant Time: Dec 06 22:42:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	238642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	366909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	334195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	156889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	176496	59.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.06%	
35) Dibromofluoromethane	7.57	113	124733	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
50) Toluene-d8	10.08	98	471654	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.40	95	164411	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51802	19.507	ug/l	100
3) Chloromethane	2.04	50	51833	14.563	ug/l	99
4) Vinyl Chloride	2.17	62	51281	24.010	ug/l	97
5) Bromomethane	2.55	94	35420	27.289	ug/l	96
6) Chloroethane	2.68	64	33196	26.326	ug/l	98
7) Trichlorofluoromethane	3.00	101	66517	25.787	ug/l	98
8) Diethyl Ether	3.39	74	31387	18.676	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	48334	19.088	ug/l	96
10) Methyl Iodide	3.92	142	59859	18.670	ug/l	97
11) Tert butyl alcohol	4.75	59	56811	101.695	ug/l	99
12) 1,1-Dichloroethene	3.71	96	45612	18.427	ug/l	96
13) Acrolein	3.58	56	43298	89.306	ug/l	99
14) Allyl chloride	4.29	41	91579	18.785	ug/l	92
15) Acrylonitrile	4.95	53	145703	96.407	ug/l	99
16) Acetone	3.79	43	164857	96.382	ug/l	97
17) Carbon Disulfide	4.02	76	146135	17.303	ug/l	100
18) Methyl Acetate	4.29	43	79167	19.837	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	173724	20.593	ug/l	97
20) Methylene Chloride	4.52	84	56760	19.598	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	52191	18.845	ug/l	96
22) Diisopropyl ether	5.92	45	189400	20.873	ug/l	92
23) Vinyl Acetate	5.86	43	785905	107.936	ug/l	98
24) 1,1-Dichloroethane	5.82	63	105742	20.514	ug/l	100
25) 2-Butanone	6.81	43	216351	96.015	ug/l	98
26) 2,2-Dichloropropane	6.80	77	92820	20.819	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	61631	20.037	ug/l	99
28) Bromochloromethane	7.17	49	42843	21.683	ug/l	97
29) Tetrahydrofuran	7.19	42	138810	97.970	ug/l	97
30) Chloroform	7.35	83	105934	21.285	ug/l	97
31) Cyclohexane	7.63	56	93778	18.776	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	91536	21.160	ug/l	96
36) 1,1-Dichloropropene	7.77	75	78131	20.463	ug/l	99
37) Ethyl Acetate	6.90	43	87702	20.564	ug/l	98
38) Carbon Tetrachloride	7.75	117	78475	21.369	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	85795	18.672	ug/l	97
40) Benzene	8.02	78	227421	20.340	ug/l	98
41) Methacrylonitrile	7.15	41	32469m	18.785	ug/l	
42) 1,2-Dichloroethane	8.10	62	91327	24.046	ug/l	97
43) Isopropyl Acetate	8.14	43	139378	21.972	ug/l	98
44) Trichloroethene	8.82	130	57956	19.835	ug/l	99
45) 1,2-Dichloropropane	9.10	63	61402	20.555	ug/l	99
46) Dibromomethane	9.19	93	40951	22.019	ug/l	95
47) Bromodichloromethane	9.39	83	82764	22.195	ug/l	99
48) Methyl methacrylate	9.18	41	61371	21.445	ug/l	90
49) 1,4-Dioxane	9.19	88	18669	431.116	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	419963	111.535	ug/l	95
52) Toluene	10.14	92	139494	20.629	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	92623	21.109	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	96795	20.812	ug/l #	89
55) 1,1,2-Trichloroethane	10.55	97	56369	21.146	ug/l	98
56) Ethyl methacrylate	10.42	69	78051	19.012	ug/l #	88
57) 1,3-Dichloropropane	10.70	76	96431	20.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	126685	96.434	ug/l	99
59) 2-Hexanone	10.74	43	305830	107.928	ug/l	94
60) Dibromochloromethane	10.90	129	60368	21.209	ug/l	99
61) 1,2-Dibromoethane	11.00	107	57778	20.976	ug/l	99
64) Tetrachloroethene	10.62	164	55459	19.509	ug/l	97
65) Chlorobenzene	11.43	112	141200	19.327	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	54416	20.729	ug/l	100
67) Ethyl Benzene	11.51	91	255440	19.956	ug/l	99
68) m/p-Xylenes	11.62	106	186853	39.204	ug/l	97
69) o-Xylene	11.95	106	87516	19.287	ug/l	96
70) Styrene	11.96	104	138324	19.096	ug/l	99
71) Bromoform	12.13	173	40668	19.875	ug/l #	98
73) Isopropylbenzene	12.25	105	246731	19.610	ug/l	98
74) N-amyl acetate	12.07	43	98300	19.396	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	82108	20.344	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	73369m	18.808	ug/l	
77) Bromobenzene	12.53	156	59373	18.884	ug/l	96
78) n-propylbenzene	12.59	91	290087	19.812	ug/l	99
79) 2-Chlorotoluene	12.67	91	171882	19.473	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	208143	19.795	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	27496	18.498	ug/l	87
82) 4-Chlorotoluene	12.77	91	176775	19.412	ug/l	100
83) tert-Butylbenzene	12.99	119	175609	19.237	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	204629	19.914	ug/l	100
85) sec-Butylbenzene	13.17	105	236148	19.518	ug/l	99
86) p-Isopropyltoluene	13.29	119	210357	19.402	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	105402	19.013	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	103828	18.571	ug/l	98
89) n-Butylbenzene	13.62	91	178766	18.404	ug/l	99
90) Hexachloroethane	13.88	117	40949	19.583	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	103186	19.417	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18239	21.840	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	56731	17.486	ug/l	97
94) Hexachlorobutadiene	15.01	225	35616	18.533	ug/l	99
95) Naphthalene	15.13	128	152016	18.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	58486	19.205	ug/l	98

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

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