

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
 Data File : VN059557.D
 Acq On : 11 Dec 2019 13:08
 Operator : JC/SP
 Sample : VN1211WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:25:29 AM

Quant Time: Dec 12 01:05:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	238425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	377253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	340865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	132090	39.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.28%	
35) Dibromofluoromethane	7.57	113	94576	42.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.02%	
50) Toluene-d8	10.08	98	359152	39.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.16%	
62) 4-Bromofluorobenzene	12.40	95	127494	37.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	54677	19.883	ug/l	99
3) Chloromethane	2.04	50	86724	20.833	ug/l	98
4) Vinyl Chloride	2.17	62	87683	21.370	ug/l	100
5) Bromomethane	2.55	94	51490	20.602	ug/l	99
6) Chloroethane	2.68	64	52846	21.568	ug/l	94
7) Trichlorofluoromethane	3.00	101	107280	21.872	ug/l	97
8) Diethyl Ether	3.38	74	30224	17.980	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	51103	20.019	ug/l	99
10) Methyl Iodide	3.92	142	64681	18.713	ug/l	99
11) Tert butyl alcohol	4.76	59	57205	103.767	ug/l	100
12) 1,1-Dichloroethene	3.71	96	47728	19.233	ug/l	97
13) Acrolein	3.58	56	14303	53.316	ug/l	99
14) Allyl chloride	4.29	41	93523	19.591	ug/l	98
15) Acrylonitrile	4.95	53	146467	100.735	ug/l	98
16) Acetone	3.79	43	138333	88.866	ug/l	99
17) Carbon Disulfide	4.02	76	156484	19.568	ug/l	100
18) Methyl Acetate	4.29	43	78374	19.177	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	170594	20.681	ug/l	99
20) Methylene Chloride	4.52	84	58796	20.800	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	54565	20.487	ug/l	96
22) Diisopropyl ether	5.92	45	187562	20.639	ug/l	98
23) Vinyl Acetate	5.86	43	780292	102.931	ug/l	99
24) 1,1-Dichloroethane	5.82	63	107496	20.834	ug/l	98
25) 2-Butanone	6.81	43	206520	98.563	ug/l	96
26) 2,2-Dichloropropane	6.79	77	97747	20.970	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	61026	20.371	ug/l	99
28) Bromochloromethane	7.17	49	36083	20.285	ug/l	98
29) Tetrahydrofuran	7.18	42	140185	96.184	ug/l	100
30) Chloroform	7.35	83	106107	20.837	ug/l	99
31) Cyclohexane	7.63	56	98840	19.685	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	94461	20.910	ug/l	99
36) 1,1-Dichloropropene	7.77	75	81460	21.046	ug/l	99
37) Ethyl Acetate	6.90	43	85965	19.998	ug/l	99
38) Carbon Tetrachloride	7.75	117	83689	21.937	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	93276	21.484	ug/l	99
40) Benzene	8.02	78	233708	21.137	ug/l	100
41) Methacrylonitrile	7.14	41	29856m	15.873	ug/l	
42) 1,2-Dichloroethane	8.10	62	89295	21.676	ug/l	99
43) Isopropyl Acetate	8.14	43	135350	20.258	ug/l #	93
44) Trichloroethene	8.82	130	59497	21.300	ug/l	99
45) 1,2-Dichloropropane	9.10	63	62744	21.421	ug/l	98
46) Dibromomethane	9.19	93	40078	20.704	ug/l	99
47) Bromodichloromethane	9.39	83	81976	21.308	ug/l	99
48) Methyl methacrylate	9.18	41	61040	20.894	ug/l	97
49) 1,4-Dioxane	9.19	88	19473	520.985	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	415022	97.269	ug/l	99
52) Toluene	10.14	92	141149	21.425	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	91479	20.408	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	98255	21.417	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	55800	20.942	ug/l	99
56) Ethyl methacrylate	10.42	69	78678	18.539	ug/l	98
57) 1,3-Dichloropropane	10.70	76	96322	21.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	83182	76.207	ug/l	99
59) 2-Hexanone	10.74	43	311300	97.371	ug/l	98
60) Dibromochloromethane	10.90	129	61794	20.073	ug/l	98
61) 1,2-Dibromoethane	11.00	107	57848	20.855	ug/l	100
64) Tetrachloroethene	10.62	164	56950	22.860	ug/l	98
65) Chlorobenzene	11.43	112	149518	20.934	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	56589	21.244	ug/l	99
67) Ethyl Benzene	11.51	91	271804	21.148	ug/l	99
68) m/p-Xylenes	11.62	106	201627	41.820	ug/l	98
69) o-Xylene	11.94	106	93626	20.864	ug/l	96
70) Styrene	11.96	104	146404	19.693	ug/l	96
71) Bromoform	12.12	173	42317	20.190	ug/l #	99
73) Isopropylbenzene	12.25	105	255216	20.880	ug/l	99
74) N-amyl acetate	12.07	43	104498	19.627	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	79016	19.078	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	84399m	20.254	ug/l	
77) Bromobenzene	12.52	156	59543	19.567	ug/l	93
78) n-propylbenzene	12.59	91	302601	20.147	ug/l	99
79) 2-Chlorotoluene	12.67	91	177814	19.853	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	215836	20.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	29319	18.930	ug/l	88
82) 4-Chlorotoluene	12.77	91	185704	20.278	ug/l	98
83) tert-Butylbenzene	12.99	119	177855	20.348	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	215206	20.794	ug/l	98
85) sec-Butylbenzene	13.17	105	251687	20.964	ug/l	100
86) p-Isopropyltoluene	13.29	119	223126	20.794	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	112482	20.069	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	109856	20.017	ug/l	97
89) n-Butylbenzene	13.62	91	208505	20.694	ug/l	98
90) Hexachloroethane	13.87	117	43119	21.881	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	106941	20.332	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18391	20.639	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	68082	18.714	ug/l	100
94) Hexachlorobutadiene	15.01	225	38522	20.727	ug/l	99
95) Naphthalene	15.13	128	188155	17.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	65764	20.075	ug/l	98

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

