

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059160.D
 Acq On : 11 Nov 2019 14:53
 Operator : JC/SP
 Sample : VN1111WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 4:19:34 PM

Quant Time: Nov 12 02:57:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	455179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	732080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	665112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	291847	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	289919	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.57	113	218481	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.08	98	836576	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.40	95	297774	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	84831	18.497	ug/l	100
3) Chloromethane	2.04	50	113373	18.186	ug/l	100
4) Vinyl Chloride	2.17	62	118266	19.567	ug/l	98
5) Bromomethane	2.54	94	66959	19.251	ug/l	97
6) Chloroethane	2.68	64	70347	19.676	ug/l	98
7) Trichlorofluoromethane	3.00	101	143735	19.882	ug/l	99
8) Diethyl Ether	3.39	74	56147	19.114	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	84199	19.317	ug/l	99
10) Methyl Iodide	3.93	142	99237	18.393	ug/l	99
11) Tert butyl alcohol	4.76	59	112809	105.790	ug/l	99
12) 1,1-Dichloroethene	3.71	96	79767	18.786	ug/l	97
13) Acrolein	3.58	56	44405	80.768	ug/l	98
14) Allyl chloride	4.30	41	160445	18.395	ug/l	96
15) Acrylonitrile	4.96	53	263527	99.303	ug/l	98
16) Acetone	3.79	43	257818	88.607	ug/l	98
17) Carbon Disulfide	4.03	76	227458	17.257	ug/l	99
18) Methyl Acetate	4.30	43	143732	20.811	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	294028	20.113	ug/l	99
20) Methylene Chloride	4.53	84	98632	19.457	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	87147	19.121	ug/l	97
22) Diisopropyl ether	5.93	45	326959	19.846	ug/l	96
23) Vinyl Acetate	5.87	43	1344089	105.269	ug/l	98
24) 1,1-Dichloroethane	5.82	63	179988	19.561	ug/l	99
25) 2-Butanone	6.81	43	377702	98.494	ug/l	99
26) 2,2-Dichloropropane	6.80	77	148552	18.463	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	103598	19.592	ug/l	100
28) Bromochloromethane	7.17	49	57866	20.903	ug/l	99
29) Tetrahydrofuran	7.19	42	251178	103.085	ug/l	98
30) Chloroform	7.35	83	179336	20.317	ug/l	99
31) Cyclohexane	7.63	56	161183	18.504	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	152662	20.571	ug/l	99
36) 1,1-Dichloropropene	7.77	75	129989	18.996	ug/l	99
37) Ethyl Acetate	6.91	43	155616	20.442	ug/l	99
38) Carbon Tetrachloride	7.75	117	132459	19.448	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	148500	18.699	ug/l	98
40) Benzene	8.02	78	395400	19.188	ug/l	99
41) Methacrylonitrile	7.15	41	57381m	17.335	ug/l	
42) 1,2-Dichloroethane	8.10	62	144103	20.390	ug/l	98
43) Isopropyl Acetate	8.15	43	238489	19.651	ug/l #	92
44) Trichloroethene	8.82	130	96305	19.013	ug/l	98
45) 1,2-Dichloropropane	9.10	63	107742	19.250	ug/l	98
46) Dibromomethane	9.19	93	67682	19.406	ug/l	99
47) Bromodichloromethane	9.39	83	138196	19.843	ug/l	97
48) Methyl methacrylate	9.18	41	105253	19.389	ug/l	97
49) 1,4-Dioxane	9.18	88	39116	405.466	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	769947	112.124	ug/l	98
52) Toluene	10.15	92	241008	19.514	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	152720	18.980	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	165569	19.130	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	96753	19.357	ug/l	97
56) Ethyl methacrylate	10.42	69	147272	18.877	ug/l	98
57) 1,3-Dichloropropane	10.70	76	170320	19.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	265707	95.518	ug/l	99
59) 2-Hexanone	10.74	43	560632	106.368	ug/l	98
60) Dibromochloromethane	10.90	129	103757	19.633	ug/l	99
61) 1,2-Dibromoethane	11.00	107	100227	19.808	ug/l	99
64) Tetrachloroethene	10.63	164	83955	18.563	ug/l	98
65) Chlorobenzene	11.43	112	255201	19.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	95672	19.671	ug/l	97
67) Ethyl Benzene	11.51	91	454272	19.748	ug/l	99
68) m/p-Xylenes	11.62	106	331694	38.493	ug/l	98
69) o-Xylene	11.95	106	161781	19.427	ug/l	98
70) Styrene	11.96	104	256084	19.553	ug/l	100
71) Bromoform	12.13	173	73705	19.482	ug/l #	99
73) Isopropylbenzene	12.25	105	436282	20.551	ug/l	100
74) N-amyl acetate	12.07	43	183616	20.412	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	151269	20.924	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	146976m	22.120	ug/l	
77) Bromobenzene	12.53	156	105117	19.708	ug/l	99
78) n-propylbenzene	12.59	91	496633	20.432	ug/l	100
79) 2-Chlorotoluene	12.67	91	302509	20.062	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	360149	20.021	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	48994	19.476	ug/l	97
82) 4-Chlorotoluene	12.77	91	302787	20.020	ug/l	100
83) tert-Butylbenzene	12.99	119	310807	20.008	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	355682	20.437	ug/l	97
85) sec-Butylbenzene	13.17	105	403198	19.957	ug/l	99
86) p-Isopropyltoluene	13.29	119	354578	19.877	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	178326	19.525	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	174211	19.064	ug/l	99
89) n-Butylbenzene	13.62	91	280991	17.997	ug/l	99
90) Hexachloroethane	13.88	117	70544	19.694	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	181588	20.211	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31255	21.684	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	81765	17.132	ug/l	99
94) Hexachlorobutadiene	15.01	225	53058	17.127	ug/l	98
95) Naphthalene	15.13	128	236751	17.746	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	85362	16.953	ug/l	99

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

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