

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059331.D
 Acq On : 21 Nov 2019 13:39
 Operator : JC/SP
 Sample : VN1121WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 3:11:58 PM

Quant Time: Nov 22 06:20:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	481973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	762163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	670993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	298891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	267953	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
35) Dibromofluoromethane	7.57	113	214022	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.08	98	841650	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.40	95	286623	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	104669	16.963	ug/l	100
3) Chloromethane	2.04	50	124624	16.487	ug/l	100
4) Vinyl Chloride	2.17	62	132829	17.067	ug/l	99
5) Bromomethane	2.55	94	72472	16.773	ug/l	99
6) Chloroethane	2.69	64	68666	16.166	ug/l	100
7) Trichlorofluoromethane	3.00	101	136692	16.310	ug/l	99
8) Diethyl Ether	3.39	74	59163	17.268	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	86966	16.970	ug/l	99
10) Methyl Iodide	3.93	142	105524	16.568	ug/l	98
11) Tert butyl alcohol	4.76	59	89252	77.087	ug/l	99
12) 1,1-Dichloroethene	3.71	96	85706	16.476	ug/l	97
13) Acrolein	3.58	56	72542	68.636	ug/l	99
14) Allyl chloride	4.29	41	160513	16.518	ug/l	100
15) Acrylonitrile	4.96	53	242544	79.230	ug/l	100
16) Acetone	3.79	43	201481	77.704	ug/l	100
17) Carbon Disulfide	4.03	76	271960	16.775	ug/l	100
18) Methyl Acetate	4.30	43	136271	15.836	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	285750	17.008	ug/l	100
20) Methylene Chloride	4.53	84	95370	16.308	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	90644	16.442	ug/l	98
22) Diisopropyl ether	5.92	45	308226	16.846	ug/l	97
23) Vinyl Acetate	5.87	43	1215115	84.454	ug/l	99
24) 1,1-Dichloroethane	5.82	63	177995	17.283	ug/l	99
25) 2-Butanone	6.81	43	317606	78.771	ug/l	98
26) 2,2-Dichloropropane	6.79	77	150242	16.848	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	104403	16.785	ug/l	99
28) Bromochloromethane	7.17	49	80467	20.631	ug/l	97
29) Tetrahydrofuran	7.19	42	217791	78.118	ug/l	100
30) Chloroform	7.35	83	170064	16.926	ug/l	98
31) Cyclohexane	7.63	56	168854	16.583	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	141813	16.515	ug/l	100
36) 1,1-Dichloropropene	7.77	75	129685	16.482	ug/l	99
37) Ethyl Acetate	6.90	43	133845	15.828	ug/l	98
38) Carbon Tetrachloride	7.75	117	125571	16.671	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	157767	16.628	ug/l	99
40) Benzene	8.02	78	389204	16.854	ug/l	99
41) Methacrylonitrile	7.14	41	55387	14.755	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	128054	16.766	ug/l	99
43) Isopropyl Acetate	8.15	43	210033	16.252	ug/l	99
44) Trichloroethene	8.82	130	98570	16.842	ug/l	99
45) 1,2-Dichloropropane	9.10	63	104831	17.024	ug/l	98
46) Dibromomethane	9.19	93	64014	16.948	ug/l	97
47) Bromodichloromethane	9.39	83	128235	16.952	ug/l	98
48) Methyl methacrylate	9.19	41	91542	15.577	ug/l	99
49) 1,4-Dioxane	9.19	88	29958	339.181	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	635979	84.076	ug/l	100
52) Toluene	10.15	92	233452	16.812	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	146556	16.666	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	162442	17.024	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	92419	17.118	ug/l	98
56) Ethyl methacrylate	10.42	69	133067	16.146	ug/l	100
57) 1,3-Dichloropropane	10.70	76	157291	16.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	228733	84.899	ug/l	99
59) 2-Hexanone	10.75	43	442613	79.909	ug/l	99
60) Dibromochloromethane	10.90	129	94662	16.639	ug/l	100
61) 1,2-Dibromoethane	11.00	107	92301	16.431	ug/l	98
64) Tetrachloroethene	10.63	164	86947	16.754	ug/l	98
65) Chlorobenzene	11.43	112	243589	16.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	89243	17.027	ug/l	99
67) Ethyl Benzene	11.51	91	439785	17.072	ug/l	99
68) m/p-Xylenes	11.62	106	324798	33.931	ug/l	99
69) o-Xylene	11.95	106	154361	16.844	ug/l	100
70) Styrene	11.96	104	245201	16.957	ug/l	100
71) Bromoform	12.13	173	65710	16.554	ug/l #	100
73) Isopropylbenzene	12.25	105	413559	16.890	ug/l	99
74) N-amyl acetate	12.07	43	150298	15.274	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	132299	16.334	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	118315m	17.134	ug/l	
77) Bromobenzene	12.53	156	99134	16.693	ug/l	98
78) n-propylbenzene	12.59	91	474533	17.110	ug/l	100
79) 2-Chlorotoluene	12.68	91	284543	16.715	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	348410	16.927	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	43726	15.838	ug/l	98
82) 4-Chlorotoluene	12.77	91	289634	16.441	ug/l	99
83) tert-Butylbenzene	12.99	119	297303	17.103	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	343228	17.023	ug/l	100
85) sec-Butylbenzene	13.17	105	394347	16.878	ug/l	99
86) p-Isopropyltoluene	13.29	119	350691	16.868	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	170885	16.158	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	171307	16.371	ug/l	100
89) n-Butylbenzene	13.62	91	299636	16.429	ug/l	100
90) Hexachloroethane	13.88	117	64570	16.399	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	164645	16.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25333	14.711	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	88497	16.027	ug/l	97
94) Hexachlorobutadiene	15.01	225	59408	16.115	ug/l	99
95) Naphthalene	15.13	128	230052	15.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	90720	15.872	ug/l	97

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

