

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059062.D
 Acq On : 1 Nov 2019 15:15
 Operator : JC/SP
 Sample : VN1101WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:59:28 PM

Quant Time: Nov 02 05:20:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	375081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	594765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	531495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	221690	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	7.57	113	167930	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
50) Toluene-d8	10.08	98	660972	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
62) 4-Bromofluorobenzene	12.40	95	230759	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	86134	21.240	ug/l	95
3) Chloromethane	2.04	50	115561	21.015	ug/l	98
4) Vinyl Chloride	2.17	62	114296	21.413	ug/l	95
5) Bromomethane	2.55	94	66100	20.947	ug/l	99
6) Chloroethane	2.68	64	67301	20.588	ug/l	98
7) Trichlorofluoromethane	3.00	101	134606	21.223	ug/l	97
8) Diethyl Ether	3.39	74	51161	20.655	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	79554	21.280	ug/l	99
10) Methyl Iodide	3.93	142	90536	19.925	ug/l	99
11) Tert butyl alcohol	4.75	59	94735	103.043	ug/l	99
12) 1,1-Dichloroethene	3.71	96	76637	20.613	ug/l	98
13) Acrolein	3.58	56	50059	86.291	ug/l	98
14) Allyl chloride	4.29	41	151329	20.541	ug/l	97
15) Acrylonitrile	4.96	53	243254	105.475	ug/l	100
16) Acetone	3.79	43	261836	104.116	ug/l	99
17) Carbon Disulfide	4.03	76	241895	20.465	ug/l	99
18) Methyl Acetate	4.30	43	123527	19.389	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	268933	21.238	ug/l	99
20) Methylene Chloride	4.52	84	92059	20.910	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	84037	21.054	ug/l	99
22) Diisopropyl ether	5.92	45	303793	21.649	ug/l	94
23) Vinyl Acetate	5.87	43	1270405	113.665	ug/l	99
24) 1,1-Dichloroethane	5.82	63	167476	20.875	ug/l	99
25) 2-Butanone	6.81	43	352503	105.268	ug/l	99
26) 2,2-Dichloropropane	6.80	77	144904	20.809	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	95430	21.234	ug/l	99
28) Bromochloromethane	7.18	49	30161	12.181	ug/l	95
29) Tetrahydrofuran	7.19	42	222974	105.508	ug/l	99
30) Chloroform	7.35	83	161366	21.034	ug/l	97
31) Cyclohexane	7.63	56	157523	20.585	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	139138	21.436	ug/l	99
36) 1,1-Dichloropropene	7.77	75	123077	20.821	ug/l	99
37) Ethyl Acetate	6.90	43	139910	21.302	ug/l	99
38) Carbon Tetrachloride	7.75	117	122239	21.219	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	141070	20.647	ug/l	95
40) Benzene	8.02	78	371013	21.149	ug/l	99
41) Methacrylonitrile	7.15	41	59778m	21.048	ug/l	
42) 1,2-Dichloroethane	8.10	62	130275	21.383	ug/l	98
43) Isopropyl Acetate	8.14	43	214269	20.861	ug/l	94
44) Trichloroethene	8.82	130	89854	20.817	ug/l	95
45) 1,2-Dichloropropane	9.10	63	100289	21.138	ug/l	98
46) Dibromomethane	9.19	93	61743	21.057	ug/l	99
47) Bromodichloromethane	9.39	83	124047	20.889	ug/l	98
48) Methyl methacrylate	9.19	41	95769	20.449	ug/l	99
49) 1,4-Dioxane	9.19	88	33150	433.933	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	676579	113.393	ug/l	97
52) Toluene	10.15	92	222733	21.669	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	141527	20.610	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	154866	21.382	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	88222	21.069	ug/l	99
56) Ethyl methacrylate	10.42	69	132640	19.831	ug/l	99
57) 1,3-Dichloropropane	10.70	76	155235	21.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	324870	123.926	ug/l	99
59) 2-Hexanone	10.75	43	502344	110.822	ug/l	98
60) Dibromochloromethane	10.90	129	94669	20.979	ug/l	99
61) 1,2-Dibromoethane	11.00	107	91603	21.595	ug/l	99
64) Tetrachloroethene	10.63	164	80004	21.549	ug/l	96
65) Chlorobenzene	11.43	112	230678	21.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	86392	21.526	ug/l	99
67) Ethyl Benzene	11.51	91	414389	21.944	ug/l	98
68) m/p-Xylenes	11.62	106	304321	43.158	ug/l	99
69) o-Xylene	11.95	106	147444	21.897	ug/l	97
70) Styrene	11.96	104	229409	21.025	ug/l	97
71) Bromoform	12.13	173	65627	21.126	ug/l #	100
73) Isopropylbenzene	12.25	105	391484	22.100	ug/l	100
74) N-amyl acetate	12.07	43	166285	21.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	132921	21.065	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	124162m	21.791	ug/l	
77) Bromobenzene	12.53	156	94327	21.297	ug/l	98
78) n-propylbenzene	12.59	91	449921	21.930	ug/l	100
79) 2-Chlorotoluene	12.68	91	274598	21.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	328754	21.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	45415	20.432	ug/l	95
82) 4-Chlorotoluene	12.78	91	276789	21.289	ug/l	99
83) tert-Butylbenzene	12.99	119	277441	21.694	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	322603	22.053	ug/l	98
85) sec-Butylbenzene	13.17	105	368610	21.992	ug/l	100
86) p-Isopropyltoluene	13.29	119	331545	21.940	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	164014	20.841	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	161355	20.728	ug/l	98
89) n-Butylbenzene	13.62	91	281561	21.383	ug/l	99
90) Hexachloroethane	13.88	117	61926	20.615	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	164695	21.033	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28023	20.560	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	87366	20.686	ug/l	99
94) Hexachlorobutadiene	15.01	225	54256	21.405	ug/l	100
95) Naphthalene	15.13	128	238612	20.029	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	89015	20.709	ug/l	97

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

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