

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059779.D
 Acq On : 20 Jan 2020 11:51
 Operator : JC/MD
 Sample : VN0120WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 11:00:59 AM

Quant Time: Jan 21 01:29:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	316113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	283269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	124771	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
35) Dibromofluoromethane	7.56	113	108085	57.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.68%	
50) Toluene-d8	10.08	98	405212	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
62) 4-Bromofluorobenzene	12.40	95	143827	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53694	21.641	ug/l	99
3) Chloromethane	2.04	50	47964	20.180	ug/l	97
4) Vinyl Chloride	2.17	62	59978	22.055	ug/l	98
5) Bromomethane	2.55	94	37147	22.383	ug/l	100
6) Chloroethane	2.69	64	28159	21.887	ug/l	95
7) Trichlorofluoromethane	3.00	101	73143	22.396	ug/l	98
8) Diethyl Ether	3.38	74	25163	21.954	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	41992	23.102	ug/l	91
10) Methyl Iodide	3.93	142	62778	21.367	ug/l	95
11) Tert butyl alcohol	4.73	59	39811	102.575	ug/l	98
12) 1,1-Dichloroethene	3.72	96	41081	21.629	ug/l	89
13) Acrolein	3.58	56	15889	57.833	ug/l	100
14) Allyl chloride	4.29	41	54098	21.131	ug/l #	83
15) Acrylonitrile	4.94	53	94371	106.595	ug/l	100
16) Acetone	3.78	43	88166	106.371	ug/l	96
17) Carbon Disulfide	4.03	76	110929	20.502	ug/l	100
18) Methyl Acetate	4.29	43	57167	21.228	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	137000	22.123	ug/l	97
20) Methylene Chloride	4.52	84	47084	21.844	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	43836	21.712	ug/l	87
22) Diisopropyl ether	5.92	45	124652	21.486	ug/l	96
23) Vinyl Acetate	5.86	43	474037	105.532	ug/l	95
24) 1,1-Dichloroethane	5.82	63	76179	21.489	ug/l	97
25) 2-Butanone	6.80	43	126545	96.926	ug/l #	90
26) 2,2-Dichloropropane	6.80	77	72737	21.343	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	51307	22.094	ug/l	86
28) Bromochloromethane	7.17	49	28905	20.401	ug/l #	70
29) Tetrahydrofuran	7.18	42	82027	101.545	ug/l	88
30) Chloroform	7.35	83	80922	22.032	ug/l	98
31) Cyclohexane	7.63	56	70542	20.680	ug/l #	87
32) 1,1,1-Trichloroethane	7.55	97	75695	22.289	ug/l	95
36) 1,1-Dichloropropene	7.77	75	60077	21.824	ug/l	95
37) Ethyl Acetate	6.89	43	53402	20.683	ug/l	97
38) Carbon Tetrachloride	7.75	117	67388	22.504	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	73585	21.679	ug/l	91
40) Benzene	8.02	78	177626	21.636	ug/l	99
41) Methacrylonitrile	7.15	41	23788m	18.705	ug/l	
42) 1,2-Dichloroethane	8.10	62	61852	22.220	ug/l	97
43) Isopropyl Acetate	8.14	43	91424	20.586	ug/l #	94
44) Trichloroethene	8.82	130	51916	23.164	ug/l	92
45) 1,2-Dichloropropane	9.10	63	44894	22.098	ug/l	98
46) Dibromomethane	9.19	93	31969	22.308	ug/l	90
47) Bromodichloromethane	9.39	83	65499	22.681	ug/l	99
48) Methyl methacrylate	9.18	41	39678	19.974	ug/l	87
49) 1,4-Dioxane	9.18	88	15275	420.051	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	263342	102.579	ug/l	94
52) Toluene	10.14	92	116373	22.441	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	71169	22.071	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	76844	22.649	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	46360	22.572	ug/l	96
56) Ethyl methacrylate	10.42	69	66228	21.103	ug/l	90
57) 1,3-Dichloropropane	10.70	76	73016	22.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	103391	109.377	ug/l	90
59) 2-Hexanone	10.74	43	188778	99.816	ug/l	93
60) Dibromochloromethane	10.89	129	53773	22.991	ug/l	98
61) 1,2-Dibromoethane	10.99	107	47914	22.258	ug/l	100
64) Tetrachloroethene	10.62	164	52384	22.690	ug/l	94
65) Chlorobenzene	11.43	112	125843	22.602	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	49635	23.071	ug/l	98
67) Ethyl Benzene	11.50	91	223655	22.128	ug/l	96
68) m/p-Xylenes	11.62	106	172043	45.062	ug/l	93
69) o-Xylene	11.94	106	83356	22.301	ug/l	94
70) Styrene	11.96	104	135034	21.590	ug/l	96
71) Bromoform	12.12	173	39214	22.755	ug/l #	98
73) Isopropylbenzene	12.25	105	222660	22.631	ug/l	99
74) N-amyl acetate	12.07	43	76932	20.152	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	61527	21.572	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	53011m	23.481	ug/l	
77) Bromobenzene	12.52	156	56548	22.696	ug/l	80
78) n-propylbenzene	12.59	91	248389	22.493	ug/l	96
79) 2-Chlorotoluene	12.67	91	147242	22.413	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	187773	22.694	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	22007	20.934	ug/l	93
82) 4-Chlorotoluene	12.77	91	149570	22.699	ug/l	95
83) tert-Butylbenzene	12.99	119	161007	22.499	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	186813	22.822	ug/l	98
85) sec-Butylbenzene	13.17	105	214596	22.824	ug/l	100
86) p-Isopropyltoluene	13.28	119	196329	22.567	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	98644	22.793	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	98426	22.797	ug/l	97
89) n-Butylbenzene	13.61	91	165499	22.311	ug/l	98
90) Hexachloroethane	13.87	117	35593	21.867	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	96668	22.593	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	13539	20.900	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	58035	22.574	ug/l	99
94) Hexachlorobutadiene	15.01	225	32974	23.275	ug/l	98
95) Naphthalene	15.13	128	148204	20.267	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	55203	22.060	ug/l	98

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

