

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059970.D
 Acq On : 3 Feb 2020 13:31
 Operator : JC/MD
 Sample : VN0203WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 11:20:36 AM

Quant Time: Feb 03 14:14:22 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	191520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	301760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	274315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128753	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	117953	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	
35) Dibromofluoromethane	7.57	113	94907	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	10.08	98	358272	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	130743	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37971	16.465	ug/l	100
3) Chloromethane	2.04	50	40750	18.585	ug/l	98
4) Vinyl Chloride	2.17	62	52501	20.927	ug/l	99
5) Bromomethane	2.55	94	29977	19.580	ug/l	98
6) Chloroethane	2.69	64	24098	20.303	ug/l	99
7) Trichlorofluoromethane	3.01	101	59248	19.665	ug/l	97
8) Diethyl Ether	3.39	74	22217	21.012	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34937	20.835	ug/l	96
10) Methyl Iodide	3.93	142	44567	16.442	ug/l	96
11) Tert butyl alcohol	4.73	59	37824	105.639	ug/l #	84
12) 1,1-Dichloroethene	3.72	96	32951	18.805	ug/l	93
13) Acrolein	3.58	56	13857	54.672	ug/l	93
14) Allyl chloride	4.30	41	49724	21.054	ug/l #	87
15) Acrylonitrile	4.95	53	89850	110.011	ug/l	99
16) Acetone	3.78	43	93441	123.755	ug/l	99
17) Carbon Disulfide	4.03	76	80488	16.125	ug/l	98
18) Methyl Acetate	4.29	43	55564	22.366	ug/l	93
19) Methyl tert-butyl Ether	5.01	73	121965	21.349	ug/l	97
20) Methylene Chloride	4.53	84	39996	20.009	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	35653	19.142	ug/l	92
22) Diisopropyl ether	5.92	45	113576	21.220	ug/l	92
23) Vinyl Acetate	5.86	43	431467	104.121	ug/l #	95
24) 1,1-Dichloroethane	5.82	63	68619	20.982	ug/l	98
25) 2-Butanone	6.80	43	125704	104.367	ug/l	95
26) 2,2-Dichloropropane	6.80	77	64158	20.406	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	44260	20.660	ug/l	89
28) Bromochloromethane	7.17	49	27903	21.347	ug/l #	18
29) Tetrahydrofuran	7.18	42	78254	105.009	ug/l	89
30) Chloroform	7.35	83	71511	21.104	ug/l	99
31) Cyclohexane	7.63	56	59173	18.804	ug/l #	89
32) 1,1,1-Trichloroethane	7.55	97	65082	20.773	ug/l	97
36) 1,1-Dichloropropene	7.77	75	51616	19.642	ug/l	96
37) Ethyl Acetate	6.90	43	51409	20.858	ug/l	97
38) Carbon Tetrachloride	7.75	117	57099	19.975	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	58307	17.995	ug/l	95
40) Benzene	8.02	78	155705	19.868	ug/l	100
41) Methacrylonitrile	7.15	41	18166m	14.964	ug/l	
42) 1,2-Dichloroethane	8.10	62	57289	21.560	ug/l	97
43) Isopropyl Acetate	8.14	43	85165	20.089	ug/l	96
44) Trichloroethene	8.82	130	44118	20.621	ug/l	94
45) 1,2-Dichloropropane	9.10	63	40491	20.879	ug/l	98
46) Dibromomethane	9.19	93	28505	20.837	ug/l	92
47) Bromodichloromethane	9.39	83	58101	21.076	ug/l	99
48) Methyl methacrylate	9.18	41	36536	19.267	ug/l	90
49) 1,4-Dioxane	9.18	88	14932	430.149	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	255679	104.332	ug/l	96
52) Toluene	10.14	92	98615	19.921	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	64457	20.940	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	68102	21.027	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	41808	21.324	ug/l	96
56) Ethyl methacrylate	10.42	69	58122	19.401	ug/l	95
57) 1,3-Dichloropropane	10.70	76	68072	21.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	96420	106.854	ug/l	93
59) 2-Hexanone	10.74	43	187103	103.635	ug/l	95
60) Dibromochloromethane	10.89	129	44812	20.071	ug/l	98
61) 1,2-Dibromoethane	11.00	107	42317	20.593	ug/l	97
64) Tetrachloroethene	10.62	164	45730	20.455	ug/l	94
65) Chlorobenzene	11.43	112	108816	20.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	42893	20.588	ug/l	99
67) Ethyl Benzene	11.51	91	194292	19.851	ug/l	98
68) m/p-Xylenes	11.62	106	144897	39.191	ug/l	95
69) o-Xylene	11.94	106	70208	19.396	ug/l	98
70) Styrene	11.96	104	114168	18.849	ug/l	97
71) Bromoform	12.12	173	33225	19.909	ug/l #	97
73) Isopropylbenzene	12.25	105	193702	20.513	ug/l	99
74) N-amyl acetate	12.07	43	69589	18.992	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	58052	21.207	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	49917m	23.037	ug/l	
77) Bromobenzene	12.52	156	48776	20.398	ug/l	85
78) n-propylbenzene	12.59	91	216147	20.394	ug/l	98
79) 2-Chlorotoluene	12.67	91	130032	20.624	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	158677	19.981	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20463	20.281	ug/l	97
82) 4-Chlorotoluene	12.77	91	131066	20.725	ug/l	97
83) tert-Butylbenzene	12.99	119	140984	20.527	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	158573	20.184	ug/l	98
85) sec-Butylbenzene	13.17	105	182784	20.256	ug/l	98
86) p-Isopropyltoluene	13.29	119	165607	19.834	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	84261	20.286	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	83138	20.063	ug/l	98
89) n-Butylbenzene	13.61	91	143494	20.156	ug/l	99
90) Hexachloroethane	13.87	117	30785	19.706	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	84592	20.600	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13185	21.239	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48158	19.517	ug/l	97
94) Hexachlorobutadiene	15.01	225	27423	20.168	ug/l	99
95) Naphthalene	15.13	128	133542	19.027	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	48084	20.020	ug/l	100

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

