

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060920\
 Data File : VN061718.D
 Acq On : 9 Jun 2020 12:06
 Operator : JC/MD
 Sample : VN0609WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBSD01

Quant Time: Jun 10 03:36:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	298990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	477782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	451897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	163497	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	7.54	113	131156	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
50) Toluene-d8	10.06	98	539472	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.37	95	186624	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	60534	18.281	ug/l	97
3) Chloromethane	2.03	50	62425	17.118	ug/l	99
4) Vinyl Chloride	2.16	62	81367	16.282	ug/l	99
5) Bromomethane	2.54	94	55096	19.214	ug/l	99
6) Chloroethane	2.67	64	54466	16.933	ug/l	99
7) Trichlorofluoromethane	2.98	101	126409	19.616	ug/l	99
8) Diethyl Ether	3.37	74	33654	17.079	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53554	18.727	ug/l	96
10) Methyl Iodide	3.91	142	72096	18.161	ug/l	99
11) Tert butyl alcohol	4.73	59	44258	93.406	ug/l	100
12) 1,1-Dichloroethene	3.69	96	51803	16.956	ug/l	93
13) Acrolein	3.56	56	12037	65.019	ug/l	97
14) Allyl chloride	4.27	41	55066	13.787	ug/l #	86
15) Acrylonitrile	4.92	53	116020	87.725	ug/l	99
16) Acetone	3.77	43	94416	92.258	ug/l	100
17) Carbon Disulfide	4.01	76	109723	16.324	ug/l	99
18) Methyl Acetate	4.27	43	57138	17.718	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	175676	16.872	ug/l	100
20) Methylene Chloride	4.50	84	60954	17.702	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	58334	16.931	ug/l	93
22) Diisopropyl ether	5.90	45	149229	16.952	ug/l	93
23) Vinyl Acetate	5.84	43	557679	79.482	ug/l	98
24) 1,1-Dichloroethane	5.79	63	96182	17.230	ug/l	99
25) 2-Butanone	6.78	43	136314	80.742	ug/l	98
26) 2,2-Dichloropropane	6.77	77	86590	16.948	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	69829	17.898	ug/l	96
28) Bromochloromethane	7.14	49	43206	19.773	ug/l	97
29) Tetrahydrofuran	7.16	42	88380	79.388	ug/l	95
30) Chloroform	7.32	83	109834	17.785	ug/l	98
31) Cyclohexane	7.61	56	78937	15.723	ug/l #	89
32) 1,1,1-Trichloroethane	7.53	97	94687	16.826	ug/l	99
36) 1,1-Dichloropropene	7.75	75	74867	17.701	ug/l	99
37) Ethyl Acetate	6.88	43	60746	17.832	ug/l #	91
38) Carbon Tetrachloride	7.73	117	76257	18.691	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	85371	16.376	ug/l	97
40) Benzene	8.00	78	240932	18.462	ug/l	99
41) Methacrylonitrile	7.13	41	25561m	16.377	ug/l	
42) 1,2-Dichloroethane	8.08	62	78410	17.947	ug/l	100
43) Isopropyl Acetate	8.12	43	100041	16.323	ug/l #	91
44) Trichloroethene	8.80	130	73056	18.215	ug/l	94
45) 1,2-Dichloropropane	9.08	63	58172	18.772	ug/l	98
46) Dibromomethane	9.17	93	44516	18.731	ug/l	97
47) Bromodichloromethane	9.37	83	87850	18.657	ug/l	96
48) Methyl methacrylate	9.16	41	44473	16.128	ug/l	98
49) 1,4-Dioxane	9.16	88	22047	516.096	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	291982	84.538	ug/l	99
52) Toluene	10.12	92	156826	18.412	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	90253	17.793	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	100341	18.397	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	64580	19.030	ug/l	99
56) Ethyl methacrylate	10.40	69	79653	16.803	ug/l	97
57) 1,3-Dichloropropane	10.68	76	102887	18.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	168318	83.087	ug/l	100
59) 2-Hexanone	10.72	43	206780	83.364	ug/l	98
60) Dibromochloromethane	10.87	129	73524	19.058	ug/l	99
61) 1,2-Dibromoethane	10.98	107	67273	19.008	ug/l	99
64) Tetrachloroethene	10.60	164	77547	18.230	ug/l	99
65) Chlorobenzene	11.40	112	173490	18.470	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	65432	18.708	ug/l	98
67) Ethyl Benzene	11.48	91	289666	17.842	ug/l	98
68) m/p-Xylenes	11.59	106	229369	35.631	ug/l	99
69) o-Xylene	11.92	106	108071	17.675	ug/l	100
70) Styrene	11.94	104	181079	17.884	ug/l	98
71) Bromoform	12.10	173	49412	18.334	ug/l #	99
73) Isopropylbenzene	12.22	105	287012	17.733	ug/l	100
74) N-amyl acetate	12.04	43	81315	15.953	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	81618	17.995	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	75058m	18.614	ug/l	
77) Bromobenzene	12.50	156	77686	18.804	ug/l	99
78) n-propylbenzene	12.56	91	319937	17.706	ug/l	99
79) 2-Chlorotoluene	12.65	91	189490	17.587	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	242257	17.908	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	24591	15.595	ug/l	95
82) 4-Chlorotoluene	12.75	91	198161	17.483	ug/l	99
83) tert-Butylbenzene	12.97	119	205799	17.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	238279	17.730	ug/l	99
85) sec-Butylbenzene	13.15	105	267709	17.382	ug/l	99
86) p-Isopropyltoluene	13.26	119	246062	17.348	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	134128	18.334	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	135951	18.241	ug/l	98
89) n-Butylbenzene	13.59	91	196510	16.541	ug/l	98
90) Hexachloroethane	13.85	117	33895	21.608	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	130499	18.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14795	15.994	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.88	180	71095	17.387	ug/l	97
94) Hexachlorobutadiene	14.98	225	32060	18.384	ug/l	98
95) Naphthalene	15.10	128	207780	16.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	76432	19.012	ug/l	96

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

