

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
 Data File : VN061647.D
 Acq On : 4 Jun 2020 12:33
 Operator : JC/MD
 Sample : VN0604WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBS01

Quant Time: Jun 05 07:43:53 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	315677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	515731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	237787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	177937	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	7.55	113	140766	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	10.06	98	594108	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.38	95	212758	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65627	18.740	ug/l	99
3) Chloromethane	2.03	50	69245	17.985	ug/l	98
4) Vinyl Chloride	2.16	62	93875	17.792	ug/l	99
5) Bromomethane	2.54	94	59370	19.610	ug/l	99
6) Chloroethane	2.67	64	60554	17.830	ug/l	99
7) Trichlorofluoromethane	2.98	101	126723	18.625	ug/l	98
8) Diethyl Ether	3.37	74	34742	16.699	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56479	18.706	ug/l	99
10) Methyl Iodide	3.91	142	74420	17.756	ug/l	100
11) Tert butyl alcohol	4.73	59	48599	97.146	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	55605	17.238	ug/l	96
13) Acrolein	3.57	56	14231	76.991	ug/l	96
14) Allyl chloride	4.27	41	67869	16.094	ug/l	96
15) Acrylonitrile	4.93	53	118685	84.996	ug/l	99
16) Acetone	3.77	43	96711	89.315	ug/l	99
17) Carbon Disulfide	4.01	76	131271	18.497	ug/l	99
18) Methyl Acetate	4.28	43	58511	17.185	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	186241	16.941	ug/l	96
20) Methylene Chloride	4.50	84	64750	17.821	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	63273	17.394	ug/l	94
22) Diisopropyl ether	5.90	45	161519	17.378	ug/l	98
23) Vinyl Acetate	5.84	43	588697	79.468	ug/l	98
24) 1,1-Dichloroethane	5.80	63	103051	17.484	ug/l	100
25) 2-Butanone	6.78	43	142385	79.880	ug/l	97
26) 2,2-Dichloropropane	6.77	77	98275	18.218	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	74274	18.031	ug/l	100
28) Bromochloromethane	7.15	49	42372	18.264	ug/l	98
29) Tetrahydrofuran	7.17	42	95988	81.664	ug/l	99
30) Chloroform	7.33	83	116766	17.908	ug/l	96
31) Cyclohexane	7.61	56	90436	17.061	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	106401	17.908	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82652	18.103	ug/l	98
37) Ethyl Acetate	6.88	43	64797	17.621	ug/l	98
38) Carbon Tetrachloride	7.73	117	83384	18.934	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	97910	17.399	ug/l	97
40) Benzene	8.00	78	262921	18.664	ug/l	98
41) Methacrylonitrile	7.13	41	27509m	16.328	ug/l	
42) 1,2-Dichloroethane	8.08	62	85830	18.199	ug/l	100
43) Isopropyl Acetate	8.12	43	107777	16.291	ug/l #	91
44) Trichloroethene	8.80	130	78807	18.203	ug/l	97
45) 1,2-Dichloropropane	9.08	63	60933	18.216	ug/l	99
46) Dibromomethane	9.17	93	45942	17.908	ug/l	98
47) Bromodichloromethane	9.37	83	92535	18.206	ug/l	98
48) Methyl methacrylate	9.17	41	45674	15.345	ug/l	98
49) 1,4-Dioxane	9.17	88	20492	444.398	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	308224	82.674	ug/l	99
52) Toluene	10.12	92	171523	18.655	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	94774	17.309	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	104146	17.690	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	66741	18.220	ug/l	100
56) Ethyl methacrylate	10.40	69	86508	16.906	ug/l	99
57) 1,3-Dichloropropane	10.68	76	107486	18.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	174972	80.016	ug/l	100
59) 2-Hexanone	10.72	43	215424	80.458	ug/l	99
60) Dibromochloromethane	10.87	129	73625	17.680	ug/l	99
61) 1,2-Dibromoethane	10.98	107	69378	18.160	ug/l	100
64) Tetrachloroethene	10.60	164	84950	18.630	ug/l	98
65) Chlorobenzene	11.41	112	188326	18.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	69809	18.619	ug/l	100
67) Ethyl Benzene	11.48	91	322063	18.505	ug/l	100
68) m/p-Xylenes	11.60	106	256479	37.167	ug/l	99
69) o-Xylene	11.92	106	120145	18.331	ug/l	100
70) Styrene	11.94	104	193033	17.784	ug/l	98
71) Bromoform	12.10	173	48754	16.875	ug/l #	96
73) Isopropylbenzene	12.22	105	317725	18.307	ug/l	99
74) N-amyl acetate	12.04	43	85266	15.600	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84162	17.305	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	79328m	18.346	ug/l	
77) Bromobenzene	12.50	156	81782	18.461	ug/l	97
78) n-propylbenzene	12.56	91	352733	18.205	ug/l	99
79) 2-Chlorotoluene	12.65	91	204663	17.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	262573	18.101	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	26246	15.523	ug/l	98
82) 4-Chlorotoluene	12.75	91	218031	17.939	ug/l	99
83) tert-Butylbenzene	12.97	119	226364	17.662	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	260932	18.107	ug/l	97
85) sec-Butylbenzene	13.15	105	288404	17.463	ug/l	98
86) p-Isopropyltoluene	13.26	119	267310	17.576	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	141705	18.064	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	143136	17.911	ug/l	98
89) n-Butylbenzene	13.59	91	214508	16.839	ug/l	99
90) Hexachloroethane	13.85	117	34830	20.707	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	139167	18.563	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14605	14.724	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	72635	16.566	ug/l	99
94) Hexachlorobutadiene	14.98	225	31365	16.773	ug/l	99
95) Naphthalene	15.10	128	211902	15.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	73781	17.115	ug/l	98

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

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