

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
 Data File : VN061650.D
 Acq On : 4 Jun 2020 14:04
 Operator : JC/MD
 Sample : VN0604WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBSD01

Quant Time: Jun 05 07:55:53 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	365079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	571010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	535012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	270537	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	183279	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	
35) Dibromofluoromethane	7.55	113	153195	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	10.06	98	639594	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.37	95	234477	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	78339	19.306	ug/l	99
3) Chloromethane	2.03	50	71048	15.956	ug/l	99
4) Vinyl Chloride	2.16	62	95439	15.641	ug/l	98
5) Bromomethane	2.54	94	57466	16.412	ug/l	96
6) Chloroethane	2.67	64	59659	15.190	ug/l	100
7) Trichlorofluoromethane	2.98	101	127562	16.211	ug/l	99
8) Diethyl Ether	3.37	74	38931	16.180	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	61859	17.716	ug/l	93
10) Methyl Iodide	3.91	142	89855	18.537	ug/l	96
11) Tert butyl alcohol	4.73	59	42353	73.204	ug/l	99
12) 1,1-Dichloroethene	3.69	96	61510	16.489	ug/l	92
13) Acrolein	3.56	56	16651m	78.302	ug/l	
14) Allyl chloride	4.27	41	73083	14.985	ug/l	96
15) Acrylonitrile	4.93	53	120460	74.594	ug/l	98
16) Acetone	3.77	43	97289	76.863	ug/l	96
17) Carbon Disulfide	4.01	76	143519	17.487	ug/l	99
18) Methyl Acetate	4.27	43	58172	14.773	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	200241	15.750	ug/l	97
20) Methylene Chloride	4.50	84	68282	16.091	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	68016	16.167	ug/l	94
22) Diisopropyl ether	5.90	45	166845	15.522	ug/l	98
23) Vinyl Acetate	5.84	43	612722	71.519	ug/l	98
24) 1,1-Dichloroethane	5.80	63	108022	15.848	ug/l	99
25) 2-Butanone	6.78	43	143622	69.671	ug/l	96
26) 2,2-Dichloropropane	6.78	77	100924	16.177	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	80497	16.898	ug/l	97
28) Bromochloromethane	7.15	49	47745	17.759	ug/l	92
29) Tetrahydrofuran	7.17	42	94268	69.348	ug/l	99
30) Chloroform	7.33	83	123367	16.360	ug/l	100
31) Cyclohexane	7.61	56	95209	15.531	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	110063	16.018	ug/l	99
36) 1,1-Dichloropropene	7.75	75	86378	17.088	ug/l	97
37) Ethyl Acetate	6.88	43	63589	15.618	ug/l	98
38) Carbon Tetrachloride	7.73	117	85467	17.529	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	99547	15.977	ug/l	98
40) Benzene	8.00	78	266747	17.103	ug/l	100
41) Methacrylonitrile	7.12	41	31536m	16.906	ug/l	
42) 1,2-Dichloroethane	8.09	62	87677	16.791	ug/l	100
43) Isopropyl Acetate	8.12	43	110997	15.153	ug/l #	91
44) Trichloroethene	8.80	130	87581	18.272	ug/l	96
45) 1,2-Dichloropropane	9.08	63	64736	17.480	ug/l	99
46) Dibromomethane	9.17	93	46908	16.515	ug/l	96
47) Bromodichloromethane	9.37	83	95470	16.965	ug/l	100
48) Methyl methacrylate	9.17	41	48878	14.831	ug/l	95
49) 1,4-Dioxane	9.17	88	19099	374.092	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	319480	77.398	ug/l	100
52) Toluene	10.12	92	179940	17.676	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	101079	16.673	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	110028	16.880	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	68911	16.991	ug/l	99
56) Ethyl methacrylate	10.40	69	98036	17.304	ug/l	97
57) 1,3-Dichloropropane	10.68	76	113884	17.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	186419	76.998	ug/l	99
59) 2-Hexanone	10.72	43	222340	75.002	ug/l	99
60) Dibromochloromethane	10.87	129	78567	17.040	ug/l	100
61) 1,2-Dibromoethane	10.98	107	72936	17.243	ug/l	100
64) Tetrachloroethene	10.60	164	92586	18.384	ug/l	98
65) Chlorobenzene	11.41	112	202541	18.213	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	73833	17.830	ug/l	97
67) Ethyl Benzene	11.48	91	350757	18.248	ug/l	97
68) m/p-Xylenes	11.59	106	279259	36.642	ug/l	97
69) o-Xylene	11.92	106	136425	18.846	ug/l	99
70) Styrene	11.94	104	221080	18.442	ug/l	99
71) Bromoform	12.10	173	51386	16.104	ug/l #	99
73) Isopropylbenzene	12.22	105	357309	18.096	ug/l	100
74) N-amyl acetate	12.05	43	126406m	20.328	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.48	83	98798	17.855	ug/l	93
76) 1,2,3-Trichloropropane	12.53	75	83675m	17.009	ug/l	
77) Bromobenzene	12.50	156	96578	19.161	ug/l	87
78) n-propylbenzene	12.56	91	391885	17.778	ug/l	100
79) 2-Chlorotoluene	12.65	91	232160	17.663	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	294427	17.840	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	26226	13.633	ug/l	92
82) 4-Chlorotoluene	12.75	91	236598	17.110	ug/l	98
83) tert-Butylbenzene	12.97	119	251105	17.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	295721	18.037	ug/l	99
85) sec-Butylbenzene	13.15	105	314459	16.736	ug/l	99
86) p-Isopropyltoluene	13.26	119	304155	17.577	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	163859	18.359	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	160218	17.621	ug/l	98
89) n-Butylbenzene	13.59	91	244619	16.878	ug/l	99
90) Hexachloroethane	13.85	117	36538	19.093	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	154041	18.060	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16267	14.415	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	95960	19.237	ug/l	98
94) Hexachlorobutadiene	14.98	225	33489	15.741	ug/l	98
95) Naphthalene	15.10	128	290063	19.104	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	92106	18.780	ug/l	98

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

