

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062825.D
 Acq On : 11 Aug 2020 13:04
 Operator : JC/MD
 Sample : VN0811WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

Quant Time: Aug 11 15:01:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	198895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	296717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	172520	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	7.55	113	120117	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
50) Toluene-d8	10.06	98	446678	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.38	95	169477	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	54016	18.966	ug/l	99
3) Chloromethane	2.03	50	44473	16.547	ug/l	100
4) Vinyl Chloride	2.16	62	45500	18.050	ug/l	96
5) Bromomethane	2.51	94	32245	19.323	ug/l	96
6) Chloroethane	2.66	64	33001	19.899	ug/l	99
7) Trichlorofluoromethane	2.97	101	82762	18.412	ug/l	95
8) Diethyl Ether	3.37	74	23568	18.315	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	36060	19.352	ug/l	96
10) Methyl Iodide	3.91	142	40999	18.818	ug/l	99
11) Tert butyl alcohol	4.74	59	49736	92.262	ug/l	99
12) 1,1-Dichloroethene	3.69	96	31191	17.658	ug/l	97
13) Acrolein	3.57	56	15635	47.902	ug/l	98
14) Allyl chloride	4.27	41	58064	16.674	ug/l	98
15) Acrylonitrile	4.93	53	114573	91.634	ug/l	99
16) Acetone	3.78	43	114754	96.556	ug/l	100
17) Carbon Disulfide	4.00	76	81974	16.422	ug/l	98
18) Methyl Acetate	4.28	43	53365	18.268	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	146835	19.055	ug/l	99
20) Methylene Chloride	4.50	84	42492	19.066	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	35063	17.616	ug/l	94
22) Diisopropyl ether	5.91	45	136283	18.384	ug/l	98
23) Vinyl Acetate	5.84	43	475134	84.267	ug/l	98
24) 1,1-Dichloroethane	5.80	63	75051	17.276	ug/l	99
25) 2-Butanone	6.79	43	153249	91.044	ug/l	99
26) 2,2-Dichloropropane	6.78	77	72324	18.061	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	42645	17.861	ug/l	96
28) Bromochloromethane	7.15	49	45077	21.500	ug/l	94
29) Tetrahydrofuran	7.17	42	99288	90.794	ug/l	97
30) Chloroform	7.33	83	82640	17.900	ug/l	99
31) Cyclohexane	7.61	56	69783	17.499	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	73037	17.694	ug/l	97
36) 1,1-Dichloropropene	7.75	75	54330	17.617	ug/l	99
37) Ethyl Acetate	6.89	43	58191	18.064	ug/l	96
38) Carbon Tetrachloride	7.73	117	65697	18.013	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	65536	17.659	ug/l	97
40) Benzene	8.00	78	159180	17.298	ug/l	97
41) Methacrylonitrile	7.12	41	22597	15.545	ug/l #	6
42) 1,2-Dichloroethane	8.09	62	71558	18.270	ug/l	98
43) Isopropyl Acetate	8.13	43	93969	17.488	ug/l	97
44) Trichloroethene	8.80	130	40155	17.910	ug/l	95
45) 1,2-Dichloropropane	9.09	63	45775	18.379	ug/l	98
46) Dibromomethane	9.18	93	29812	18.268	ug/l	96
47) Bromodichloromethane	9.37	83	68501	18.690	ug/l	96
48) Methyl methacrylate	9.17	41	46611	17.636	ug/l	96
49) 1,4-Dioxane	9.17	88	19788	404.073	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	311334	89.553	ug/l	98
52) Toluene	10.12	92	103762	18.262	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	73035	18.116	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	73636	18.192	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	44124	18.183	ug/l	97
56) Ethyl methacrylate	10.40	69	67277	18.419	ug/l	99
57) 1,3-Dichloropropane	10.68	76	76721	18.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	85677	82.984	ug/l	99
59) 2-Hexanone	10.72	43	237248	91.485	ug/l	100
60) Dibromochloromethane	10.87	129	53136	19.188	ug/l	98
61) 1,2-Dibromoethane	10.98	107	44579	18.617	ug/l	99
64) Tetrachloroethene	10.60	164	33935	17.726	ug/l	97
65) Chlorobenzene	11.41	112	113296	18.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	46538	18.684	ug/l	98
67) Ethyl Benzene	11.48	91	205549	18.519	ug/l	100
68) m/p-Xylenes	11.60	106	152296	37.799	ug/l	97
69) o-Xylene	11.92	106	72527	19.209	ug/l	98
70) Styrene	11.94	104	128957	19.430	ug/l	98
71) Bromoform	12.10	173	36795	18.055	ug/l #	98
73) Isopropylbenzene	12.23	105	203579	19.166	ug/l	99
74) N-amyl acetate	12.05	43	81165	18.856	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	69558	18.603	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75432m	19.829	ug/l	
77) Bromobenzene	12.50	156	49463	18.742	ug/l	95
78) n-propylbenzene	12.57	91	233500	18.728	ug/l	100
79) 2-Chlorotoluene	12.65	91	144430	18.472	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	182556	19.811	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	23394	18.773	ug/l	94
82) 4-Chlorotoluene	12.75	91	152920	18.979	ug/l	99
83) tert-Butylbenzene	12.97	119	147628	18.933	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	175635	19.923	ug/l	100
85) sec-Butylbenzene	13.15	105	197905	19.328	ug/l	100
86) p-Isopropyltoluene	13.26	119	175317	19.289	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	89791	19.045	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	89390	18.903	ug/l	98
89) n-Butylbenzene	13.59	91	136095	17.705	ug/l	100
90) Hexachloroethane	13.85	117	34800	17.763	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	86740	19.624	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14932	18.602	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	38697	18.540	ug/l	96
94) Hexachlorobutadiene	14.99	225	26445	18.019	ug/l	98
95) Naphthalene	15.10	128	101790	18.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38995	18.493	ug/l	100

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

