

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059390.D
 Acq On : 25 Nov 2019 18:00
 Operator : JC/SP
 Sample : VN1125WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Quant Time: Nov 26 01:20:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	357942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	560498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	501571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	211453	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	7.57	113	171582	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.08	98	670361	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	235506	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	79952	17.447	ug/l	100
3) Chloromethane	2.04	50	98333	17.516	ug/l	99
4) Vinyl Chloride	2.17	62	105579	18.267	ug/l	99
5) Bromomethane	2.55	94	57454	17.905	ug/l	96
6) Chloroethane	2.68	64	54020	17.125	ug/l	99
7) Trichlorofluoromethane	3.00	101	107739	17.310	ug/l	97
8) Diethyl Ether	3.39	74	46678	18.345	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	69658	18.303	ug/l	99
10) Methyl Iodide	3.93	142	89686	18.961	ug/l	99
11) Tert butyl alcohol	4.75	59	75937	88.313	ug/l	98
12) 1,1-Dichloroethene	3.72	96	68583	17.753	ug/l	99
13) Acrolein	3.58	56	47623	60.672	ug/l	99
14) Allyl chloride	4.30	41	129015	17.877	ug/l	99
15) Acrylonitrile	4.95	53	208911	91.890	ug/l	100
16) Acetone	3.79	43	210489	109.307	ug/l	100
17) Carbon Disulfide	4.03	76	208537	17.316	ug/l	99
18) Methyl Acetate	4.30	43	124219	19.437	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	233309	18.698	ug/l	98
20) Methylene Chloride	4.53	84	80243	18.476	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	73211	17.881	ug/l	99
22) Diisopropyl ether	5.92	45	251585	18.515	ug/l	99
23) Vinyl Acetate	5.87	43	982561	91.954	ug/l	100
24) 1,1-Dichloroethane	5.82	63	141971	18.562	ug/l	98
25) 2-Butanone	6.81	43	286200	95.578	ug/l	99
26) 2,2-Dichloropropane	6.80	77	118291	17.862	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	83553	18.087	ug/l	99
28) Bromochloromethane	7.17	49	63430	21.754	ug/l	96
29) Tetrahydrofuran	7.19	42	188498	91.039	ug/l	99
30) Chloroform	7.35	83	135158	18.123	ug/l	97
31) Cyclohexane	7.63	56	128156	16.947	ug/l	93
32) 1,1,1-Trichloroethane	7.55	97	114272	17.919	ug/l	99
36) 1,1-Dichloropropene	7.77	75	104205	18.009	ug/l	99
37) Ethyl Acetate	6.90	43	114411	18.398	ug/l	98
38) Carbon Tetrachloride	7.75	117	99541	17.970	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	122666	17.580	ug/l	99
40) Benzene	8.02	78	317252	18.681	ug/l	99
41) Methacrylonitrile	7.15	41	45537m	16.495	ug/l	
42) 1,2-Dichloroethane	8.10	62	104775	18.654	ug/l	100
43) Isopropyl Acetate	8.15	43	173608	18.267	ug/l	98
44) Trichloroethene	8.82	130	79568	18.487	ug/l	98
45) 1,2-Dichloropropane	9.10	63	84503	18.660	ug/l	99
46) Dibromomethane	9.19	93	51699	18.612	ug/l	99
47) Bromodichloromethane	9.39	83	105261	18.922	ug/l	100
48) Methyl methacrylate	9.19	41	76126	17.614	ug/l	96
49) 1,4-Dioxane	9.19	88	23295	358.637	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	543149	97.638	ug/l	100
52) Toluene	10.15	92	190694	18.674	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	120430	18.623	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	131983	18.808	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76445	19.254	ug/l	100
56) Ethyl methacrylate	10.42	69	111843	18.140	ug/l	99
57) 1,3-Dichloropropane	10.70	76	131564	19.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	173216	86.747	ug/l	99
59) 2-Hexanone	10.74	43	400073	98.217	ug/l	99
60) Dibromochloromethane	10.90	129	81071	19.377	ug/l	99
61) 1,2-Dibromoethane	11.00	107	78783	19.071	ug/l	100
64) Tetrachloroethene	10.63	164	71890	18.532	ug/l	95
65) Chlorobenzene	11.43	112	199756	18.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	73876	18.856	ug/l	99
67) Ethyl Benzene	11.51	91	356257	18.501	ug/l	99
68) m/p-Xylenes	11.62	106	264891	37.020	ug/l	100
69) o-Xylene	11.95	106	126195	18.422	ug/l	100
70) Styrene	11.96	104	198784	18.391	ug/l	99
71) Bromoform	12.13	173	56311	18.978	ug/l #	99
73) Isopropylbenzene	12.25	105	340121	18.167	ug/l	100
74) N-amyl acetate	12.07	43	133769	17.778	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	114716	18.523	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	104189m	19.733	ug/l	
77) Bromobenzene	12.53	156	82533	18.175	ug/l	99
78) n-propylbenzene	12.59	91	390424	18.410	ug/l	100
79) 2-Chlorotoluene	12.68	91	233435	17.933	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	289349	18.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	39595	18.756	ug/l	98
82) 4-Chlorotoluene	12.77	91	236527	17.559	ug/l	99
83) tert-Butylbenzene	12.99	119	245691	18.484	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	284302	18.441	ug/l	99
85) sec-Butylbenzene	13.17	105	323040	18.082	ug/l	99
86) p-Isopropyltoluene	13.29	119	290788	18.291	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	145534	17.996	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	144117	18.012	ug/l	99
89) n-Butylbenzene	13.62	91	247650	17.758	ug/l	100
90) Hexachloroethane	13.88	117	52056	17.290	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	141306	18.060	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22270	16.913	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.91	180	74925	17.430	ug/l	99
94) Hexachlorobutadiene	15.01	225	51230	18.173	ug/l	98
95) Naphthalene	15.13	128	194285	16.673	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	75562	17.120	ug/l	98

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

