

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063286.D
 Acq On : 9 Sep 2020 16:40
 Operator : JC/MD
 Sample : VN0909WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:04:30 PM

Quant Time: Sep 10 04:33:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	457079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	829702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	752132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	332640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	351058	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	7.55	113	255166	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.06	98	980124	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	12.38	95	365542	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	75677	16.812	ug/l	97
3) Chloromethane	2.04	50	107224	16.358	ug/l	98
4) Vinyl Chloride	2.17	62	110343	15.240	ug/l	100
5) Bromomethane	2.54	94	68972	11.316	ug/l	96
6) Chloroethane	2.68	64	72345	12.567	ug/l	99
7) Trichlorofluoromethane	2.99	101	165362	13.756	ug/l	94
8) Diethyl Ether	3.38	74	63757	18.404	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	89603	18.206	ug/l	96
10) Methyl Iodide	3.91	142	114644	17.080	ug/l	99
11) Tert butyl alcohol	4.72	59	86252	94.041	ug/l	100
12) 1,1-Dichloroethene	3.70	96	88655	17.679	ug/l	98
13) Acrolein	3.57	56	17515	62.765	ug/l	96
14) Allyl chloride	4.28	41	173172	19.443	ug/l	96
15) Acrylonitrile	4.93	53	234582	92.835	ug/l	99
16) Acetone	3.78	43	205461	96.731	ug/l	99
17) Carbon Disulfide	4.01	76	231873	15.534	ug/l	99
18) Methyl Acetate	4.28	43	124661	22.890	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	326756	17.564	ug/l	99
20) Methylene Chloride	4.51	84	108835	17.907	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	96456	17.409	ug/l	97
22) Diisopropyl ether	5.90	45	370657	18.571	ug/l	97
23) Vinyl Acetate	5.84	43	1488429	93.463	ug/l	96
24) 1,1-Dichloroethane	5.80	63	197903	17.987	ug/l	99
25) 2-Butanone	6.78	43	327013	99.430	ug/l	96
26) 2,2-Dichloropropane	6.78	77	163429	16.394	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	114760	17.041	ug/l	97
28) Bromochloromethane	7.15	49	111469	19.391	ug/l	100
29) Tetrahydrofuran	7.17	42	223170	98.135	ug/l	96
30) Chloroform	7.33	83	198551	17.248	ug/l	99
31) Cyclohexane	7.61	56	177101	17.112	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	172855	17.426	ug/l	99
36) 1,1-Dichloropropene	7.75	75	142907	17.916	ug/l	99
37) Ethyl Acetate	6.88	43	143365	19.270	ug/l #	94
38) Carbon Tetrachloride	7.74	117	145920	18.039	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	154359	17.226	ug/l	95
40) Benzene	8.01	78	429036	18.304	ug/l	100
41) Methacrylonitrile	7.14	41	66074m	19.663	ug/l	
42) 1,2-Dichloroethane	8.09	62	164700	18.811	ug/l	99
43) Isopropyl Acetate	8.13	43	253373	19.478	ug/l	98
44) Trichloroethene	8.80	130	111955	19.692	ug/l	94
45) 1,2-Dichloropropane	9.09	63	117236	18.891	ug/l	100
46) Dibromomethane	9.17	93	76612	18.628	ug/l	99
47) Bromodichloromethane	9.37	83	162484	18.432	ug/l	99
48) Methyl methacrylate	9.17	41	121809	20.772	ug/l	96
49) 1,4-Dioxane	9.17	88	34688	382.444	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	746577	105.616	ug/l	99
52) Toluene	10.13	92	267694	18.333	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	174239	18.070	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	188046	18.578	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	103519	18.512	ug/l	94
56) Ethyl methacrylate	10.40	69	162485	19.093	ug/l	97
57) 1,3-Dichloropropane	10.68	76	182248	18.295	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.67	63	431961	98.022	ug/l	96
59) 2-Hexanone	10.72	43	533106	107.312	ug/l	96
60) Dibromochloromethane	10.87	129	117034	18.931	ug/l	96
61) 1,2-Dibromoethane	10.98	107	106782	18.370	ug/l	97
64) Tetrachloroethene	10.60	164	113540	21.022	ug/l	97
65) Chlorobenzene	11.41	112	284735	18.796	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	103335	18.372	ug/l	98
67) Ethyl Benzene	11.49	91	517767	18.735	ug/l	99
68) m/p-Xylenes	11.59	106	375453	36.682	ug/l	98
69) o-Xylene	11.92	106	184734	18.683	ug/l	97
70) Styrene	11.94	104	303339	17.851	ug/l	97
71) Bromoform	12.10	173	71748	18.797	ug/l #	97
73) Isopropylbenzene	12.23	105	491368	19.259	ug/l	100
74) N-amyl acetate	12.04	43	215746	20.415	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	138893	18.883	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	129976m	19.887	ug/l	
77) Bromobenzene	12.50	156	111497	19.323	ug/l	99
78) n-propylbenzene	12.57	91	565653	19.160	ug/l	99
79) 2-Chlorotoluene	12.65	91	340499	19.256	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	412347	19.417	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	47920	17.721	ug/l	93
82) 4-Chlorotoluene	12.75	91	352432	19.218	ug/l	99
83) tert-Butylbenzene	12.97	119	341474	18.749	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	408345	19.077	ug/l	100
85) sec-Butylbenzene	13.15	105	448837	18.909	ug/l	100
86) p-Isopropyltoluene	13.26	119	398880	18.928	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	200505	18.916	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	199808	18.205	ug/l	97
89) n-Butylbenzene	13.59	91	352862	18.125	ug/l	99
90) Hexachloroethane	13.85	117	65954	16.907	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	201035	19.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30923	19.122	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	106794	18.583	ug/l	99
94) Hexachlorobutadiene	14.98	225	41506	19.334	ug/l	97
95) Naphthalene	15.10	128	343891	17.936	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	103089	18.412	ug/l	99

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

