

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062781.D
 Acq On : 7 Aug 2020 16:03
 Operator : JC/MD
 Sample : VN0807WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:36 PM

Quant Time: Aug 08 02:36:12 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	168921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	270836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	127724	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
35) Dibromofluoromethane	7.55	113	88963	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	10.06	98	345725	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.38	95	124556	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	49346	20.400	ug/l	100
3) Chloromethane	2.03	50	52390	22.952	ug/l	96
4) Vinyl Chloride	2.16	62	50302	23.495	ug/l	98
5) Bromomethane	2.52	94	27903	19.688	ug/l	97
6) Chloroethane	2.66	64	29400	20.874	ug/l	99
7) Trichlorofluoromethane	2.98	101	74015	19.388	ug/l	98
8) Diethyl Ether	3.37	74	19946	18.251	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32812	20.798	ug/l	95
10) Methyl Iodide	3.91	142	36667	19.816	ug/l	97
11) Tert butyl alcohol	4.75	59	41470	90.578	ug/l	98
12) 1,1-Dichloroethene	3.69	96	28058	18.774	ug/l	98
13) Acrolein	3.57	56	17673	63.754	ug/l	97
14) Allyl chloride	4.27	41	54337	18.373	ug/l	95
15) Acrylonitrile	4.93	53	101024	95.135	ug/l	100
16) Acetone	3.78	43	87315	86.504	ug/l	99
17) Carbon Disulfide	4.01	76	77592	18.411	ug/l	98
18) Methyl Acetate	4.28	43	49404	20.017	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	121853	18.619	ug/l	97
20) Methylene Chloride	4.50	84	37374	19.773	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	31149	18.427	ug/l	98
22) Diisopropyl ether	5.90	45	124782	19.820	ug/l	93
23) Vinyl Acetate	5.84	43	427942	89.365	ug/l	99
24) 1,1-Dichloroethane	5.80	63	68378	18.533	ug/l	99
25) 2-Butanone	6.79	43	131118	91.718	ug/l	98
26) 2,2-Dichloropropane	6.78	77	55041	16.184	ug/l	79
27) cis-1,2-Dichloroethene	6.78	96	37338	18.413	ug/l	97
28) Bromochloromethane	7.15	49	34117	19.160	ug/l	99
29) Tetrahydrofuran	7.17	42	88190	94.956	ug/l	100
30) Chloroform	7.33	83	73771	18.815	ug/l	98
31) Cyclohexane	7.62	56	64753	19.119	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	62437	17.810	ug/l	96
36) 1,1-Dichloropropene	7.75	75	47557	18.033	ug/l	98
37) Ethyl Acetate	6.88	43	49501	17.969	ug/l	99
38) Carbon Tetrachloride	7.73	117	56488	18.111	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	58747	18.511	ug/l	99
40) Benzene	8.00	78	145662	18.510	ug/l	96
41) Methacrylonitrile	7.13	41	23589	18.976	ug/l #	66
42) 1,2-Dichloroethane	8.08	62	60772	18.144	ug/l	99
43) Isopropyl Acetate	8.13	43	82161	17.881	ug/l	98
44) Trichloroethene	8.80	130	35128	18.322	ug/l	98
45) 1,2-Dichloropropane	9.08	63	41129	19.311	ug/l	95
46) Dibromomethane	9.17	93	26775	19.187	ug/l	100
47) Bromodichloromethane	9.37	83	59159	18.875	ug/l	100
48) Methyl methacrylate	9.17	41	40805	18.055	ug/l	100
49) 1,4-Dioxane	9.17	88	15438	368.647	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	282178	94.915	ug/l	98
52) Toluene	10.13	92	91505	18.833	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	61058	17.710	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	64268	18.567	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	38714	18.656	ug/l	96
56) Ethyl methacrylate	10.40	69	56301	18.025	ug/l	96
57) 1,3-Dichloropropane	10.68	76	67896	19.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	69377	78.579	ug/l	100
59) 2-Hexanone	10.72	43	201811	91.002	ug/l	99
60) Dibromochloromethane	10.87	129	43371	18.315	ug/l	98
61) 1,2-Dibromoethane	10.98	107	39392	19.238	ug/l	98
64) Tetrachloroethene	10.60	164	31041	18.954	ug/l	99
65) Chlorobenzene	11.41	112	97555	18.386	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	40531	19.022	ug/l	97
67) Ethyl Benzene	11.49	91	174772	18.407	ug/l	100
68) m/p-Xylenes	11.60	106	130685	37.916	ug/l	95
69) o-Xylene	11.92	106	61463	19.029	ug/l	100
70) Styrene	11.94	104	108275	19.071	ug/l	98
71) Bromoform	12.10	173	30342	17.404	ug/l #	96
73) Isopropylbenzene	12.23	105	171221	19.038	ug/l	98
74) N-amyl acetate	12.05	43	70563	19.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	60611	19.145	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	59555m	18.489	ug/l	
77) Bromobenzene	12.50	156	41888	18.745	ug/l	95
78) n-propylbenzene	12.57	91	199274	18.876	ug/l	100
79) 2-Chlorotoluene	12.65	91	124345	18.782	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	153554	19.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	19345	18.334	ug/l	99
82) 4-Chlorotoluene	12.75	91	124773	18.289	ug/l	96
83) tert-Butylbenzene	12.97	119	124856	18.912	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	147073	19.703	ug/l	99
85) sec-Butylbenzene	13.15	105	167033	19.266	ug/l	100
86) p-Isopropyltoluene	13.26	119	149672	19.449	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	73893	18.510	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	73503	18.357	ug/l	99
89) n-Butylbenzene	13.59	91	118436	18.197	ug/l	99
90) Hexachloroethane	13.85	117	29432	17.743	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	72769	19.443	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12358	18.182	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	31953	18.163	ug/l	97
94) Hexachlorobutadiene	14.98	225	22674	18.266	ug/l	99
95) Naphthalene	15.10	128	83039	17.710	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	32963	18.467	ug/l	99

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

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