

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063366.D
 Acq On : 16 Sep 2020 15:55
 Operator : JC/MD
 Sample : VN0916WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:08:50 PM

Quant Time: Sep 17 04:19:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	257634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	226535	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
35) Dibromofluoromethane	7.55	113	157088	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
50) Toluene-d8	10.06	98	596619	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.38	95	224509	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	58709	20.114	ug/l	100
3) Chloromethane	2.03	50	74564	19.311	ug/l	97
4) Vinyl Chloride	2.16	62	69698	20.374	ug/l	99
5) Bromomethane	2.54	94	42783	21.063	ug/l	96
6) Chloroethane	2.68	64	41154	19.598	ug/l	97
7) Trichlorofluoromethane	2.99	101	103622	20.302	ug/l	98
8) Diethyl Ether	3.38	74	40327	20.268	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	58274	20.302	ug/l	97
10) Methyl Iodide	3.91	142	72404	19.374	ug/l	99
11) Tert butyl alcohol	4.72	59	55055	90.616	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	56328	19.374	ug/l	99
13) Acrolein	3.57	56	31536	140.064	ug/l	100
14) Allyl chloride	4.28	41	115415	20.069	ug/l	99
15) Acrylonitrile	4.93	53	151133	97.793	ug/l	99
16) Acetone	3.77	43	130330	92.468	ug/l	100
17) Carbon Disulfide	4.01	76	167216	19.773	ug/l	100
18) Methyl Acetate	4.28	43	70200	19.619	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	213390	19.693	ug/l	98
20) Methylene Chloride	4.51	84	71006	19.884	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	63335	19.662	ug/l	99
22) Diisopropyl ether	5.90	45	241266	20.571	ug/l	94
23) Vinyl Acetate	5.84	43	986445	102.409	ug/l	100
24) 1,1-Dichloroethane	5.80	63	127354	19.889	ug/l	99
25) 2-Butanone	6.78	43	204049	94.131	ug/l	97
26) 2,2-Dichloropropane	6.78	77	111205m	19.725	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	73468	20.151	ug/l	99
28) Bromochloromethane	7.15	49	54688	18.497	ug/l	100
29) Tetrahydrofuran	7.16	42	144259	97.439	ug/l	98
30) Chloroform	7.33	83	126955	19.761	ug/l	99
31) Cyclohexane	7.61	56	118174	19.510	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	111118	19.446	ug/l	100
36) 1,1-Dichloropropene	7.75	75	97400	20.643	ug/l	98
37) Ethyl Acetate	6.88	43	91837	19.832	ug/l	98
38) Carbon Tetrachloride	7.73	117	95896	19.910	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	103364	20.185	ug/l	99
40) Benzene	8.00	78	276698	20.543	ug/l	97
41) Methacrylonitrile	7.14	41	47113m	22.620	ug/l	
42) 1,2-Dichloroethane	8.08	62	114083	21.062	ug/l	99
43) Isopropyl Acetate	8.13	43	160374	19.368	ug/l #	88
44) Trichloroethene	8.80	130	67157	20.557	ug/l	97
45) 1,2-Dichloropropane	9.08	63	77977	21.256	ug/l	96
46) Dibromomethane	9.17	93	48891	20.278	ug/l	96
47) Bromodichloromethane	9.37	83	106463	21.255	ug/l	97
48) Methyl methacrylate	9.16	41	76516	18.808	ug/l	94
49) 1,4-Dioxane	9.16	88	21320	365.186	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	462015	99.666	ug/l	100
52) Toluene	10.13	92	171383	21.163	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	117096	20.940	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	122297	20.734	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	65922	20.494	ug/l	96
56) Ethyl methacrylate	10.40	69	104283	20.767	ug/l	96
57) 1,3-Dichloropropane	10.68	76	120045	20.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	250665	95.159	ug/l	100
59) 2-Hexanone	10.72	43	330579	98.434	ug/l	99
60) Dibromochloromethane	10.87	129	75184	20.690	ug/l	98
61) 1,2-Dibromoethane	10.98	107	70631	21.136	ug/l	99
64) Tetrachloroethene	10.60	164	57573	20.839	ug/l	99
65) Chlorobenzene	11.41	112	179577	20.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	64456	20.416	ug/l	97
67) Ethyl Benzene	11.48	91	336626	20.755	ug/l	99
68) m/p-Xylenes	11.59	106	246928	42.225	ug/l	97
69) o-Xylene	11.92	106	117856	21.156	ug/l	98
70) Styrene	11.94	104	199520	21.357	ug/l	99
71) Bromoform	12.10	173	48526	20.632	ug/l #	98
73) Isopropylbenzene	12.22	105	317245	20.572	ug/l	99
74) N-amyl acetate	12.05	43	144377	19.777	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	95168	19.931	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	88044m	18.484	ug/l	
77) Bromobenzene	12.50	156	73184	21.097	ug/l	97
78) n-propylbenzene	12.57	91	377466	21.015	ug/l	98
79) 2-Chlorotoluene	12.65	91	229344	21.300	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	271080	21.080	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	31895	18.358	ug/l	96
82) 4-Chlorotoluene	12.75	91	230376	20.250	ug/l	99
83) tert-Butylbenzene	12.97	119	217948	20.535	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	267602	20.602	ug/l	99
85) sec-Butylbenzene	13.14	105	290495	20.447	ug/l	99
86) p-Isopropyltoluene	13.26	119	256804	20.494	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	133060	20.695	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	134532	20.580	ug/l	98
89) n-Butylbenzene	13.59	91	238736	20.670	ug/l	100
90) Hexachloroethane	13.85	117	47621	19.958	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	130542	20.680	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21017	18.484	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	73175	19.663	ug/l	100
94) Hexachlorobutadiene	14.98	225	30992	20.116	ug/l	99
95) Naphthalene	15.10	128	238670	19.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	70935	19.728	ug/l	99

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

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