

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063147.D
 Acq On : 31 Aug 2020 12:54
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:07:01 AM

Quant Time: Sep 01 03:00:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	401127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	748124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	650825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.83	85	4256	0.980	ug/l	94
3) Chloromethane	2.03	50	6962	1.242	ug/l	92
4) Vinyl Chloride	2.16	62	6240	1.032	ug/l	95
6) Chloroethane	2.68	64	4530	1.087	ug/l #	80
7) Trichlorofluoromethane	2.98	101	8454	1.007	ug/l	96
8) Diethyl Ether	3.37	74	3472m	1.209	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.72	101	4053	0.817	ug/l	90
12) 1,1-Dichloroethene	3.70	96	4454	1.001	ug/l #	78
14) Allyl chloride	4.28	41	6518	0.904	ug/l #	89
15) Acrylonitrile	4.95	53	7366	4.006	ug/l #	56
16) Acetone	3.78	43	9974	6.435	ug/l	98
17) Carbon Disulfide	4.01	76	13117	0.985	ug/l #	93
18) Methyl Acetate	4.28	43	4507m	0.815	ug/l	
19) Methyl tert-butyl Ether	4.99	73	15433	1.200	ug/l	96
20) Methylene Chloride	4.50	84	7603	1.369	ug/l #	91
21) trans-1,2-Dichloroethene	4.99	96	3951m	0.831	ug/l	
22) Diisopropyl ether	5.90	45	16535	1.123	ug/l #	61
23) Vinyl Acetate	5.85	43	60313	5.603	ug/l #	92
24) 1,1-Dichloroethane	5.80	63	9079	0.977	ug/l #	88
25) 2-Butanone	6.79	43	11565	5.147	ug/l #	88
26) 2,2-Dichloropropane	6.78	77	9695	1.312	ug/l	82
27) cis-1,2-Dichloroethene	6.78	96	5838m	1.109	ug/l	
28) Bromochloromethane	7.15	49	4991	1.165	ug/l #	55
29) Tetrahydrofuran	7.16	42	9036m	6.318	ug/l	
30) Chloroform	7.32	83	9798	1.025	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	7471	0.899	ug/l #	47
36) 1,1-Dichloropropene	7.75	75	6601	0.807	ug/l #	84
37) Ethyl Acetate	6.88	43	4291m	0.722	ug/l	
38) Carbon Tetrachloride	7.73	117	6435	0.734	ug/l	88
39) Methylcyclohexane	9.05	83	7812	0.913	ug/l #	87
40) Benzene	8.00	78	20016	0.803	ug/l	96
41) Methacrylonitrile	7.13	41	2503	0.847	ug/l #	40
42) 1,2-Dichloroethane	8.09	62	7618	0.903	ug/l	97
43) Isopropyl Acetate	8.12	43	10241	0.985	ug/l #	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	4638	0.716	ug/l	88
45) 1,2-Dichloropropane	9.09	63	5182	0.772	ug/l	93
46) Dibromomethane	9.18	93	3502	0.831	ug/l	93
47) Bromodichloromethane	9.37	83	7465	0.853	ug/l #	82
48) Methyl methacrylate	9.17	41	4077	0.794	ug/l #	72
49) 1,4-Dioxane	9.17	88	1765m	24.205	ug/l	
51) 4-Methyl-2-Pentanone	9.95	43	28375	4.901	ug/l	100
52) Toluene	10.12	92	11972	0.807	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	7652	0.868	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	7867	0.821	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	4939	0.802	ug/l #	90
56) Ethyl methacrylate	10.41	69	6868	0.934	ug/l #	91
57) 1,3-Dichloropropane	10.68	76	8311	0.847	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.66	63	17380	5.096	ug/l	97
59) 2-Hexanone	10.72	43	16788	4.273	ug/l	100
60) Dibromochloromethane	10.87	129	4751	0.706	ug/l	98
61) 1,2-Dibromoethane	10.98	107	4387	0.756	ug/l	99
64) Tetrachloroethene	10.60	164	5330	0.935	ug/l #	81
65) Chlorobenzene	11.41	112	12100	0.756	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.48	131	4442	0.715	ug/l #	59
67) Ethyl Benzene	11.49	91	21777	0.830	ug/l	99
68) m/p-Xylenes	11.60	106	15515	1.578	ug/l	99
69) o-Xylene	11.92	106	7506	0.792	ug/l	96
70) Styrene	11.94	104	12485	0.809	ug/l	95
71) Bromoform	12.10	173	2736	0.627	ug/l #	99
73) Isopropylbenzene	12.23	105	19705	0.949	ug/l	96
74) N-amyl acetate	12.05	43	7287	1.080	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.48	83	5776	0.921	ug/l	93
76) 1,2,3-Trichloropropane	12.53	75	5803m	1.115	ug/l	
77) Bromobenzene	12.50	156	4870m	0.873	ug/l	
78) n-propylbenzene	12.57	91	22931	0.969	ug/l	97
79) 2-Chlorotoluene	12.65	91	13895	0.959	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	16077	0.966	ug/l	99
82) 4-Chlorotoluene	12.75	91	13775	0.945	ug/l	99
83) tert-Butylbenzene	12.97	119	14711	1.011	ug/l	93
84) 1,2,4-Trimethylbenzene	13.02	105	16421	0.977	ug/l	99
85) sec-Butylbenzene	13.15	105	17787	0.923	ug/l	98
86) p-Isopropyltoluene	13.26	119	14600	0.883	ug/l	93
87) 1,3-Dichlorobenzene	13.26	146	7704	0.787	ug/l	92
88) 1,4-Dichlorobenzene	13.34	146	8753m	0.885	ug/l	
89) n-Butylbenzene	13.59	91	14362	1.033	ug/l	97
90) Hexachloroethane	13.86	117	3082	0.840	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	7018	0.728	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1533	1.483	ug/l	69
93) 1,2,4-Trichlorobenzene	14.88	180	4401	0.986	ug/l	92
94) Hexachlorobutadiene	14.98	225	1989	0.662	ug/l	94
95) Naphthalene	15.11	128	13930	1.281	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	4872	1.055	ug/l	76

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

