

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064425.D
 Acq On : 4 Nov 2020 9:38
 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
 11/5/2020 10:59:30 AM

Quant Time: Nov 04 11:56:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	337085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	604185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	536270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198246	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	1.84	85	4550	1.141	ug/l	99
3) Chloromethane	2.04	50	5933	1.341	ug/l	90
4) Vinyl Chloride	2.17	62	5746	1.333	ug/l	89
6) Chloroethane	2.68	64	3992	1.518	ug/l #	88
7) Trichlorofluoromethane	2.99	101	8782	1.244	ug/l	98
8) Diethyl Ether	3.37	74	3080m	1.355	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.71	101	4129	1.179	ug/l #	76
12) 1,1-Dichloroethene	3.70	96	3665	1.109	ug/l #	64
14) Allyl chloride	4.27	41	7064	1.049	ug/l	98
15) Acrylonitrile	4.94	53	6714	3.881	ug/l	91
16) Acetone	3.77	43	12353	6.017	ug/l	92
17) Carbon Disulfide	4.00	76	11424	1.158	ug/l #	89
18) Methyl Acetate	4.29	43	4993m	1.210	ug/l	
19) Methyl tert-butyl Ether	4.99	73	12418	0.986	ug/l #	88
20) Methylene Chloride	4.50	84	5157	1.307	ug/l #	80
21) trans-1,2-Dichloroethene	4.98	96	4005m	1.076	ug/l	
22) Diisopropyl ether	5.90	45	13676	1.020	ug/l #	79
23) Vinyl Acetate	5.85	43	49870	4.444	ug/l	99
24) 1,1-Dichloroethane	5.79	63	8113m	1.091	ug/l	
25) 2-Butanone	6.79	43	12030	4.321	ug/l	99
26) 2,2-Dichloropropane	6.77	77	7780	1.084	ug/l #	75
27) cis-1,2-Dichloroethene	6.78	96	4794	1.128	ug/l	96
28) Bromochloromethane	7.14	49	4014	1.161	ug/l #	99
29) Tetrahydrofuran	7.17	42	8398	4.714	ug/l #	73
30) Chloroform	7.33	83	8887	1.119	ug/l	92
32) 1,1,1-Trichloroethane	7.52	97	8078m	1.077	ug/l	
36) 1,1-Dichloropropene	7.75	75	5910	0.949	ug/l	97
37) Ethyl Acetate	6.88	43	2834	0.456	ug/l #	90
38) Carbon Tetrachloride	7.73	117	6958	0.985	ug/l #	95
39) Methylcyclohexane	9.04	83	5222	0.859	ug/l	99
40) Benzene	8.00	78	18516	1.061	ug/l	100
41) Methacrylonitrile	7.12	41	2676m	0.884	ug/l	
42) 1,2-Dichloroethane	8.08	62	7073	0.952	ug/l	99
43) Isopropyl Acetate	8.13	43	8792	0.829	ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.79	130	4829	1.072	ug/l	95
45) 1,2-Dichloropropane	9.08	63	4940	1.055	ug/l	92
46) Dibromomethane	9.18	93	3159	0.983	ug/l	90
47) Bromodichloromethane	9.37	83	6778	0.950	ug/l	99
48) Methyl methacrylate	9.16	41	4478	0.818	ug/l	94
49) 1,4-Dioxane	9.16	88	1176	14.902	ug/l #	77
51) 4-Methyl-2-Pentanone	9.95	43	25745	4.154	ug/l	92
52) Toluene	10.13	92	10066	0.916	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	6173	0.814	ug/l	95
54) cis-1,3-Dichloropropene	9.80	75	6965	0.892	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	4232	0.980	ug/l	96
56) Ethyl methacrylate	10.40	69	4870	0.748	ug/l	95
57) 1,3-Dichloropropane	10.67	76	7141	0.970	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.66	63	11572	3.417	ug/l	99
59) 2-Hexanone	10.72	43	16009	3.514	ug/l	90
60) Dibromochloromethane	10.87	129	4586	0.912	ug/l	91
61) 1,2-Dibromoethane	10.98	107	3859	0.883	ug/l	95
64) Tetrachloroethene	10.60	164	4330	0.984	ug/l	97
65) Chlorobenzene	11.40	112	11577	1.044	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.48	131	4219	0.951	ug/l #	58
67) Ethyl Benzene	11.48	91	18721	0.909	ug/l	95
68) m/p-Xylenes	11.59	106	13163	1.726	ug/l	98
69) o-Xylene	11.92	106	6383	0.868	ug/l	93
70) Styrene	11.94	104	9932	0.824	ug/l	97
71) Bromoform	12.10	173	2475	0.725	ug/l #	95
73) Isopropylbenzene	12.22	105	14923	0.984	ug/l	96
74) N-amyl acetate	12.05	43	5016	0.753	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.48	83	5324	1.202	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	5140m	1.082	ug/l	
77) Bromobenzene	12.50	156	4030	1.094	ug/l	89
78) n-propylbenzene	12.57	91	16734	0.974	ug/l	100
79) 2-Chlorotoluene	12.65	91	11082	1.013	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	11796	0.923	ug/l	99
82) 4-Chlorotoluene	12.75	91	11209	1.000	ug/l	97
83) tert-Butylbenzene	12.96	119	9119	0.878	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	11481	0.898	ug/l	96
85) sec-Butylbenzene	13.14	105	10512	0.779	ug/l	96
86) p-Isopropyltoluene	13.26	119	9231	0.762	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	6343	0.980	ug/l	95
88) 1,4-Dichlorobenzene	13.33	146	7254m	1.100	ug/l	
89) n-Butylbenzene	13.59	91	7555	0.707	ug/l	93
90) Hexachloroethane	13.85	117	2134	0.944	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	5632	0.875	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.24	75	803	0.756	ug/l	80
93) 1,2,4-Trichlorobenzene	14.88	180	1580	0.511	ug/l	90
94) Hexachlorobutadiene	14.99	225	1326m	0.710	ug/l	
95) Naphthalene	15.10	128	4424	0.456	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.29	180	1708	0.572	ug/l	91

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

