

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064707.D
 Acq On : 18 Nov 2020 14:40
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:27 PM

Quant Time: Nov 18 15:35:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	297336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	541752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199448	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	4085	1.079	ug/l	74
3) Chloromethane	2.04	50	4893	1.075	ug/l	93
4) Vinyl Chloride	2.17	62	4386	0.936	ug/l	90
6) Chloroethane	2.68	64	2777	0.913	ug/l #	63
7) Trichlorofluoromethane	3.00	101	8294	1.164	ug/l	93
8) Diethyl Ether	3.38	74	2648	1.066	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.72	101	3590m	1.074	ug/l	
12) 1,1-Dichloroethene	3.70	96	3713	1.180	ug/l	83
14) Allyl chloride	4.27	41	4939	0.817	ug/l	94
15) Acrylonitrile	4.94	53	7087	4.588	ug/l #	81
16) Acetone	3.79	43	8591m	4.707	ug/l	
17) Carbon Disulfide	4.01	76	13439	1.437	ug/l	98
18) Methyl Acetate	4.28	43	5207	1.359	ug/l #	83
19) Methyl tert-butyl Ether	4.99	73	9980	0.886	ug/l	98
20) Methylene Chloride	4.50	84	4568m	1.178	ug/l	
21) trans-1,2-Dichloroethene	4.99	96	3956	1.111	ug/l #	88
22) Diisopropyl ether	5.90	45	9596m	0.749	ug/l	
23) Vinyl Acetate	5.85	43	39862m	3.842	ug/l	
24) 1,1-Dichloroethane	5.80	63	6435	0.905	ug/l #	84
25) 2-Butanone	6.78	43	8672	3.628	ug/l	97
26) 2,2-Dichloropropane	6.79	77	6317m	0.971	ug/l	
27) cis-1,2-Dichloroethene	6.76	96	3621m	0.881	ug/l	
28) Bromochloromethane	7.16	49	3159m	0.879	ug/l	
29) Tetrahydrofuran	7.17	42	6354	4.239	ug/l #	71
30) Chloroform	7.32	83	7383	0.983	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	6951	1.039	ug/l #	52
36) 1,1-Dichloropropene	7.75	75	5412	0.963	ug/l	94
37) Ethyl Acetate	6.90	43	3838m	0.776	ug/l	
38) Carbon Tetrachloride	7.73	117	5317	0.878	ug/l	85
39) Methylcyclohexane	9.04	83	4988	0.994	ug/l	94
40) Benzene	8.00	78	13604	0.825	ug/l	97
41) Methacrylonitrile	7.12	41	1828m	0.731	ug/l	
42) 1,2-Dichloroethane	8.09	62	6459	0.964	ug/l	92
43) Isopropyl Acetate	8.13	43	9153	1.008	ug/l #	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	4719	1.121	ug/l	81
45) 1,2-Dichloropropane	9.08	63	3863	0.880	ug/l #	85
46) Dibromomethane	9.18	93	2601	0.886	ug/l #	34
47) Bromodichloromethane	9.37	83	5811	0.926	ug/l #	97
48) Methyl methacrylate	9.16	41	3896	0.852	ug/l #	88
49) 1,4-Dioxane	9.17	88	1148	19.337	ug/l #	65
51) 4-Methyl-2-Pentanone	9.95	43	19954	3.789	ug/l	98
52) Toluene	10.12	92	8117	0.806	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	5384	0.813	ug/l #	48
54) cis-1,3-Dichloropropene	9.81	75	5391	0.765	ug/l #	87
55) 1,1,2-Trichloroethane	10.53	97	3322	0.841	ug/l	96
56) Ethyl methacrylate	10.40	69	3829	0.673	ug/l	89
57) 1,3-Dichloropropane	10.68	76	5911	0.860	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	10853	3.782	ug/l	97
59) 2-Hexanone	10.72	43	14208	3.733	ug/l	92
60) Dibromochloromethane	10.87	129	3653	0.827	ug/l	93
61) 1,2-Dibromoethane	10.97	107	3801	0.948	ug/l	94
64) Tetrachloroethene	10.60	164	4016	1.058	ug/l #	86
65) Chlorobenzene	11.40	112	10352	0.986	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.48	131	3334	0.854	ug/l #	55
67) Ethyl Benzene	11.48	91	16543	0.892	ug/l #	86
68) m/p-Xylenes	11.59	106	10372	1.537	ug/l	91
69) o-Xylene	11.92	106	5610	0.862	ug/l	86
70) Styrene	11.94	104	8676	0.790	ug/l	97
71) Bromoform	12.10	173	2190	0.833	ug/l #	97
73) Isopropylbenzene	12.22	105	13244	0.858	ug/l	95
74) N-amyl acetate	12.04	43	5884	0.873	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	4258	0.906	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	4465m	0.948	ug/l	
77) Bromobenzene	12.50	156	3759	0.990	ug/l	96
78) n-propylbenzene	12.57	91	14460	0.820	ug/l	98
79) 2-Chlorotoluene	12.65	91	10745	0.956	ug/l	89
80) 1,3,5-Trimethylbenzene	12.70	105	9889	0.773	ug/l	97
82) 4-Chlorotoluene	12.75	91	11173	0.950	ug/l	95
83) tert-Butylbenzene	12.97	119	7348	0.734	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	10291	0.802	ug/l	98
85) sec-Butylbenzene	13.14	105	10146	0.800	ug/l	91
86) p-Isopropyltoluene	13.26	119	8957	0.783	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	7150	1.086	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	7393m	1.086	ug/l	
89) n-Butylbenzene	13.59	91	9985	1.008	ug/l	97
90) Hexachloroethane	13.85	117	1486	0.688	ug/l	84
91) 1,2-Dichlorobenzene	13.63	146	6742	1.068	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1145	1.193	ug/l	94
93) 1,2,4-Trichlorobenzene	14.88	180	4461	1.686	ug/l	97
94) Hexachlorobutadiene	14.98	225	3235	2.477	ug/l	91
95) Naphthalene	15.10	128	12404	1.422	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	4267	1.616	ug/l	91

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

