

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083021\
 Data File : VN068360.D
 Acq On : 30 Aug 2021 16:35
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:42:21 PM

Quant Time: Aug 31 02:08:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 01:43:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	583704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	902527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	810988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	308255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	5188	1.038	ug/l	97
3) Chloromethane	2.303	50	6112	1.186	ug/l	99
4) Vinyl Chloride	2.443	62	8330	1.072	ug/l	99
6) Chloroethane	3.025	64	6586	1.181	ug/l	98
7) Trichlorofluoromethane	3.373	101	17352	1.137	ug/l	93
8) Diethyl Ether	3.813	74	3436m	0.757	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.199	101	5522	1.107	ug/l #	80
12) 1,1-Dichloroethene	4.173	96	5141	1.130	ug/l	95
14) Allyl chloride	4.840	41	5995	1.026	ug/l	93
15) Acrylonitrile	5.551	53	10988	5.058	ug/l	91
16) Acetone	4.291	43	13040	6.498	ug/l	95
17) Carbon Disulfide	4.524	76	14222	1.116	ug/l	96
18) Methyl Acetate	4.851	43	7320m	1.322	ug/l	
19) Methyl tert-butyl Ether	5.624	73	14957	1.007	ug/l	95
20) Methylene Chloride	5.095	84	9377	1.547	ug/l #	91
21) trans-1,2-Dichloroethene	5.597	96	5398	1.041	ug/l	92
22) Diisopropyl ether	6.503	45	11850	0.945	ug/l #	94
23) Vinyl Acetate	6.442	43	45569m	5.368	ug/l	
24) 1,1-Dichloroethane	6.391	63	9019	1.068	ug/l #	81
25) 2-Butanone	7.345	43	14283	5.017	ug/l	96
26) 2,2-Dichloropropane	7.327	77	8234	1.033	ug/l	88
27) cis-1,2-Dichloroethene	7.324	96	5953	0.973	ug/l	91
28) Bromochloromethane	7.662	49	3582	1.046	ug/l #	93
29) Tetrahydrofuran	7.699	42	8957	5.036	ug/l	90
30) Chloroform	7.825	83	10995m	1.098	ug/l	
32) 1,1,1-Trichloroethane	8.011	97	9554	1.028	ug/l #	47
36) 1,1-Dichloropropene	8.222	75	7666	1.072	ug/l	95
37) Ethyl Acetate	7.420	43	6637m	1.092	ug/l	
38) Carbon Tetrachloride	8.198	117	8932m	1.035	ug/l	
39) Methylcyclohexane	9.459	83	8823	0.980	ug/l	98
40) Benzene	8.458	78	22506	1.004	ug/l	96
41) Methacrylonitrile	7.635	41	2830m	0.982	ug/l	
42) 1,2-Dichloroethane	8.531	62	7692	1.020	ug/l	87
43) Isopropyl Acetate	8.566	43	9087	0.917	ug/l #	93
44) Trichloroethene	9.215	130	7450	1.085	ug/l	97
45) 1,2-Dichloropropane	9.491	63	5089	0.975	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.579	93	3968	0.920	ug/l	97
47) Bromodichloromethane	9.765	83	7775	0.971	ug/l	99
48) Methyl methacrylate	9.561	41	4523	1.062	ug/l	89
49) 1,4-Dioxane	9.571	88	1807	16.697	ug/l #	88
51) 4-Methyl-2-Pentanone	10.336	43	28332	4.484	ug/l	91
52) Toluene	10.510	92	14042	0.922	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	7406	0.911	ug/l #	88
54) cis-1,3-Dichloropropene	10.191	75	7900	0.921	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	6109	0.993	ug/l	90
56) Ethyl methacrylate	10.765	69	6083	0.770	ug/l #	84
57) 1,3-Dichloropropane	11.047	76	8701	0.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	3775	3.307	ug/l	98
59) 2-Hexanone	11.089	43	20251	4.229	ug/l	89
60) Dibromochloromethane	11.240	129	6005	0.853	ug/l	96
61) 1,2-Dibromoethane	11.347	107	5922	0.910	ug/l	100
64) Tetrachloroethene	10.979	164	6507	1.013	ug/l	91
65) Chlorobenzene	11.773	112	16605	0.983	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.843	131	6080	0.941	ug/l #	66
67) Ethyl Benzene	11.846	91	26762	0.977	ug/l	97
68) m/p-Xylenes	11.956	106	20077	1.810	ug/l	99
69) o-Xylene	12.283	106	9135	0.862	ug/l	92
70) Styrene	12.299	104	13852	0.808	ug/l	98
71) Bromoform	12.463	173	4335	0.826	ug/l #	98
73) Isopropylbenzene	12.583	105	22779	1.002	ug/l	99
74) N-amyl acetate	12.393	43	6031	0.872	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.833	83	7786	1.134	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	5820m	1.189	ug/l	
77) Bromobenzene	12.868	156	6976	1.058	ug/l	87
78) n-propylbenzene	12.924	91	23919	0.964	ug/l	98
79) 2-Chlorotoluene	13.010	91	15755	1.046	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	16890	0.902	ug/l	97
82) 4-Chlorotoluene	13.109	91	15551	1.037	ug/l	92
83) tert-Butylbenzene	13.326	119	16932	1.000	ug/l	96
84) 1,2,4-Trimethylbenzene	13.372	105	16751	0.903	ug/l	94
85) sec-Butylbenzene	13.503	105	20349	0.888	ug/l	99
86) p-Isopropyltoluene	13.616	119	16629	0.867	ug/l	97
87) 1,3-Dichlorobenzene	13.624	146	12258	1.050	ug/l	98
88) 1,4-Dichlorobenzene	13.702	146	12923m	1.060	ug/l	
89) n-Butylbenzene	13.946	91	15221	0.964	ug/l	95
90) Hexachloroethane	14.211	117	3556	1.005	ug/l	83
91) 1,2-Dichlorobenzene	13.994	146	11784	1.039	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1089	0.854	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	5976	0.809	ug/l	98
94) Hexachlorobutadiene	15.370	225	3271	1.003	ug/l	87
95) Naphthalene	15.512	128	18177	0.864	ug/l	97
96) 1,2,3-Trichlorobenzene	15.705	180	6376	0.825	ug/l	98

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

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