

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083021\
 Data File : VN068353.D
 Acq On : 30 Aug 2021 12:31
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:42:11 PM

Quant Time: Aug 31 01:44:10 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	8.088	168	626349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	935546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	843576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	339469	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	2.073	85	6093	1.136	ug/l	94
3) Chloromethane	2.301	50	6618	1.196	ug/l	95
4) Vinyl Chloride	2.443	62	8802	1.056	ug/l	99
6) Chloroethane	3.017	64	7031	1.175	ug/l	89
7) Trichlorofluoromethane	3.368	101	17854	1.090	ug/l	98
8) Diethyl Ether	3.813	74	4001m	0.821	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.191	101	6505m	1.215	ug/l	
12) 1,1-Dichloroethene	4.173	96	5265	1.078	ug/l	96
14) Allyl chloride	4.832	41	7122m	1.136	ug/l	
15) Acrylonitrile	5.564	53	13186	5.656	ug/l #	89
16) Acetone	4.296	43	15504	7.200	ug/l	89
17) Carbon Disulfide	4.524	76	17728	1.297	ug/l	96
18) Methyl Acetate	4.870	43	9015m	1.517	ug/l	
19) Methyl tert-butyl Ether	5.613	73	16013	1.005	ug/l	94
20) Methylene Chloride	5.090	84	9652	1.484	ug/l	90
21) trans-1,2-Dichloroethene	5.599	96	6412m	1.152	ug/l	
22) Diisopropyl ether	6.495	45	12996	0.966	ug/l #	90
23) Vinyl Acetate	6.439	43	42799	4.698	ug/l	97
24) 1,1-Dichloroethane	6.383	63	10215m	1.127	ug/l	
25) 2-Butanone	7.343	43	18939	6.200	ug/l	99
26) 2,2-Dichloropropane	7.327	77	10171	1.189	ug/l	92
27) cis-1,2-Dichloroethene	7.324	96	7392	1.126	ug/l	95
28) Bromochloromethane	7.656	49	3456	0.940	ug/l #	96
29) Tetrahydrofuran	7.697	42	10098	5.291	ug/l #	79
30) Chloroform	7.820	83	11789	1.097	ug/l	94
32) 1,1,1-Trichloroethane	8.008	97	10332	1.036	ug/l #	48
36) 1,1-Dichloropropene	8.222	75	7457	1.006	ug/l	94
37) Ethyl Acetate	7.420	43	7065	1.121	ug/l #	77
38) Carbon Tetrachloride	8.201	117	9272	1.037	ug/l #	90
39) Methylcyclohexane	9.461	83	9411	1.008	ug/l	92
40) Benzene	8.461	78	24492	1.054	ug/l	95
41) Methacrylonitrile	7.646	41	3792	1.269	ug/l #	39
42) 1,2-Dichloroethane	8.533	62	8618	1.103	ug/l	94
43) Isopropyl Acetate	8.566	43	10572	1.029	ug/l #	90
44) Trichloroethene	9.217	130	7444	1.046	ug/l	72
45) 1,2-Dichloropropane	9.494	63	5827	1.077	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.577	93	4740	1.060	ug/l	94
47) Bromodichloromethane	9.764	83	8127	0.979	ug/l	90
48) Methyl methacrylate	9.566	41	4767	1.080	ug/l #	91
49) 1,4-Dioxane	9.574	88	2626	23.408	ug/l	88
51) 4-Methyl-2-Pentanone	10.336	43	37432	5.715	ug/l	93
52) Toluene	10.510	92	15783	1.000	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	8401	0.997	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	8838	0.994	ug/l	96
55) 1,1,2-Trichloroethane	10.902	97	6792	1.066	ug/l	92
56) Ethyl methacrylate	10.762	69	8358	1.020	ug/l #	88
57) 1,3-Dichloropropane	11.046	76	9476	0.996	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.043	63	3495	2.954	ug/l	89
59) 2-Hexanone	11.089	43	38037	7.664	ug/l	94
60) Dibromochloromethane	11.242	129	6797	0.931	ug/l	100
61) 1,2-Dibromoethane	11.344	107	6639	0.984	ug/l	96
64) Tetrachloroethene	10.982	164	7532	1.127	ug/l	96
65) Chlorobenzene	11.773	112	20672	1.176	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	6794	1.011	ug/l #	65
67) Ethyl Benzene	11.846	91	31406	1.102	ug/l	93
68) m/p-Xylenes	11.956	106	24554	2.128	ug/l	100
69) o-Xylene	12.280	106	10688	0.970	ug/l	90
70) Styrene	12.299	104	18875	1.058	ug/l	97
71) Bromoform	12.463	173	5048	0.924	ug/l #	88
73) Isopropylbenzene	12.581	105	28697	1.147	ug/l	99
74) N-amyl acetate	12.390	43	15407	2.022	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.833	83	10384	1.373	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	8206m	1.522	ug/l	
77) Bromobenzene	12.865	156	9726	1.339	ug/l	91
78) n-propylbenzene	12.924	91	34767	1.273	ug/l	100
79) 2-Chlorotoluene	13.010	91	20419	1.232	ug/l	94
80) 1,3,5-Trimethylbenzene	13.063	105	22996	1.116	ug/l	100
82) 4-Chlorotoluene	13.109	91	23104	1.399	ug/l	97
83) tert-Butylbenzene	13.326	119	21267	1.141	ug/l	97
84) 1,2,4-Trimethylbenzene	13.372	105	24582	1.203	ug/l	99
85) sec-Butylbenzene	13.503	105	30125	1.194	ug/l	99
86) p-Isopropyltoluene	13.621	119	26075	1.235	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	19594	1.524	ug/l	98
88) 1,4-Dichlorobenzene	13.699	146	23955	1.785	ug/l	87
89) n-Butylbenzene	13.946	91	31110	1.788	ug/l	98
90) Hexachloroethane	14.211	117	4368	1.120	ug/l	80
91) 1,2-Dichlorobenzene	13.991	146	20062	1.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	2823	2.010	ug/l	84
93) 1,2,4-Trichlorobenzene	15.268	180	21517	2.646	ug/l	97
94) Hexachlorobutadiene	15.372	225	5351	1.490	ug/l	79
95) Naphthalene	15.509	128	74782	3.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	24631	2.895	ug/l	99

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

