

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090721\
 Data File : VN068419.D
 Acq On : 7 Sep 2021 13:48
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 8:15:52 PM

Quant Time: Sep 08 10:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 10:37:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	524169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	808683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	694523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	264335	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	2.081	85	4313	0.991	ug/l	85
3) Chloromethane	2.309	50	5512	1.221	ug/l	91
4) Vinyl Chloride	2.448	62	6765	0.985	ug/l	92
6) Chloroethane	3.030	64	5728	1.158	ug/l	99
7) Trichlorofluoromethane	3.376	101	8861	0.685	ug/l	88
8) Diethyl Ether	3.835	74	2538	0.688	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.229	101	4640m	1.053	ug/l	
12) 1,1-Dichloroethene	4.183	96	3961m	0.962	ug/l	
14) Allyl chloride	4.849	41	5438	1.053	ug/l #	49
15) Acrylonitrile	5.557	53	9342m	4.910	ug/l	
16) Acetone	4.307	43	10737	6.167	ug/l	97
17) Carbon Disulfide	4.537	76	12729	1.153	ug/l	96
18) Methyl Acetate	4.875	43	7387	1.534	ug/l #	85
19) Methyl tert-butyl Ether	5.626	73	13906	1.045	ug/l	95
20) Methylene Chloride	5.106	84	8587	1.561	ug/l	96
21) trans-1,2-Dichloroethene	5.602	96	5008	1.088	ug/l	90
22) Diisopropyl ether	6.503	45	10677	0.950	ug/l #	87
23) Vinyl Acetate	6.444	43	39912m	4.627	ug/l	
24) 1,1-Dichloroethane	6.391	63	8264	1.100	ug/l #	89
25) 2-Butanone	7.354	43	12707m	5.226	ug/l	
26) 2,2-Dichloropropane	7.329	77	8269	1.189	ug/l	82
27) cis-1,2-Dichloroethene	7.337	96	5906	1.100	ug/l	96
28) Bromochloromethane	7.659	49	2977	0.940	ug/l #	94
29) Tetrahydrofuran	7.699	42	7985	5.104	ug/l #	81
30) Chloroform	7.826	83	9605	1.067	ug/l	100
32) 1,1,1-Trichloroethane	8.019	97	8351	1.004	ug/l #	46
36) 1,1-Dichloropropene	8.225	75	7031	1.085	ug/l	89
37) Ethyl Acetate	7.410	43	5761m	1.079	ug/l	
38) Carbon Tetrachloride	8.209	117	7634	0.983	ug/l	92
39) Methylcyclohexane	9.462	83	7738	0.957	ug/l #	88
40) Benzene	8.464	78	18603	0.933	ug/l	92
41) Methacrylonitrile	7.646	41	2621	1.041	ug/l #	82
42) 1,2-Dichloroethane	8.534	62	7022	1.050	ug/l	78
43) Isopropyl Acetate	8.566	43	9127	1.051	ug/l #	93
44) Trichloroethene	9.226	130	5885	0.950	ug/l	97
45) 1,2-Dichloropropane	9.491	63	4830	1.043	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.577	93	3669	0.974	ug/l	92
47) Bromodichloromethane	9.767	83	6887	0.955	ug/l	92
48) Methyl methacrylate	9.561	41	3779	0.997	ug/l #	60
49) 1,4-Dioxane	9.585	88	1693	19.203	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	23068	4.299	ug/l	96
52) Toluene	10.508	92	11909	0.894	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	6113	0.860	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	6607	0.870	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	4485	0.829	ug/l #	84
56) Ethyl methacrylate	10.760	69	5286	0.798	ug/l	92
57) 1,3-Dichloropropane	11.049	76	7474	0.920	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.044	63	1164	1.267	ug/l	99
59) 2-Hexanone	11.090	43	15236	4.102	ug/l	88
60) Dibromochloromethane	11.237	129	4856	0.781	ug/l	94
61) 1,2-Dibromoethane	11.347	107	4789	0.842	ug/l	96
64) Tetrachloroethene	10.982	164	5917	1.065	ug/l	95
65) Chlorobenzene	11.773	112	14129	1.008	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.846	131	5081	0.929	ug/l #	66
67) Ethyl Benzene	11.846	91	21528	0.941	ug/l	99
68) m/p-Xylenes	11.956	106	16381	1.775	ug/l	95
69) o-Xylene	12.286	106	8187	0.925	ug/l	97
70) Styrene	12.296	104	10854	0.781	ug/l	94
71) Bromoform	12.457	173	3334	0.760	ug/l #	100
73) Isopropylbenzene	12.583	105	18543	0.979	ug/l	99
74) N-amyl acetate	12.390	43	3988	0.855	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.827	83	6203	1.103	ug/l	92
76) 1,2,3-Trichloropropane	12.881	75	5069m	1.125	ug/l	
77) Bromobenzene	12.860	156	5574	1.042	ug/l	84
78) n-propylbenzene	12.924	91	19741	0.984	ug/l	93
79) 2-Chlorotoluene	13.010	91	12860	1.039	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	14379	0.935	ug/l	98
82) 4-Chlorotoluene	13.109	91	11976	1.000	ug/l	98
83) tert-Butylbenzene	13.324	119	12940	0.916	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	12904	0.859	ug/l	95
85) sec-Butylbenzene	13.503	105	16397	0.885	ug/l	98
86) p-Isopropyltoluene	13.619	119	13962	0.908	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	9102	0.993	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	9552m	1.048	ug/l	
89) n-Butylbenzene	13.943	91	11203	0.970	ug/l	96
90) Hexachloroethane	14.211	117	2485	0.848	ug/l	84
91) 1,2-Dichlorobenzene	13.994	146	9196	1.056	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	724	0.818	ug/l	58
93) 1,2,4-Trichlorobenzene	15.271	180	3452	0.808	ug/l	95
94) Hexachlorobutadiene	15.373	225	2525	0.998	ug/l	92
95) Naphthalene	15.504	128	7845	0.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	3661	0.878	ug/l	94

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

