

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067956.D
 Acq On : 29 Jul 2021 9:42
 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
 8/5/2021 7:29:48 PM

Quant Time: Jul 29 14:34:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 14:33:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	338841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	634254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	565224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	189239	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	2850	0.951	ug/l	87
3) Chloromethane	2.301	50	4092	0.891	ug/l	90
4) Vinyl Chloride	2.448	62	6446	0.925	ug/l	96
6) Chloroethane	3.025	64	5320	1.025	ug/l	99
7) Trichlorofluoromethane	3.374	101	11666	0.905	ug/l	94
8) Diethyl Ether	3.821	74	1906	0.720	ug/l	58
9) 1,1,2-Trichlorotrifluo...	4.213	101	2899m	0.899	ug/l	
12) 1,1-Dichloroethene	4.183	96	2886m	0.936	ug/l	
14) Allyl chloride	4.841	41	4722	0.848	ug/l #	25
15) Acrylonitrile	5.570	53	7634m	4.168	ug/l	
16) Acetone	4.296	43	10757	6.596	ug/l	98
17) Carbon Disulfide	4.521	76	8790	1.030	ug/l #	86
18) Methyl Acetate	4.865	43	6136m	1.356	ug/l	
19) Methyl tert-butyl Ether	5.626	73	10420	0.833	ug/l	97
20) Methylene Chloride	5.101	84	5061m	1.172	ug/l	
21) trans-1,2-Dichloroethene	5.586	96	3726m	1.034	ug/l	
22) Diisopropyl ether	6.501	45	10083	0.804	ug/l	94
23) Vinyl Acetate	6.439	43	40240m	3.758	ug/l	
24) 1,1-Dichloroethane	6.388	63	6695	0.950	ug/l #	92
25) 2-Butanone	7.348	43	11330	4.251	ug/l	99
26) 2,2-Dichloropropane	7.321	77	5165m	0.839	ug/l	
27) cis-1,2-Dichloroethene	7.319	96	3600m	0.805	ug/l	
28) Bromochloromethane	7.662	49	3202	0.930	ug/l #	97
29) Tetrahydrofuran	7.700	42	6512	3.723	ug/l	96
30) Chloroform	7.823	83	7434	0.944	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	5810	0.851	ug/l #	53
36) 1,1-Dichloropropene	8.223	75	5031	0.850	ug/l #	73
37) Ethyl Acetate	7.421	43	5410m	0.946	ug/l	
38) Carbon Tetrachloride	8.209	117	4598	0.788	ug/l #	91
39) Methylcyclohexane	9.462	83	5494	0.847	ug/l	99
40) Benzene	8.461	78	14235	0.805	ug/l	100
41) Methacrylonitrile	7.638	41	2114m	0.730	ug/l	
42) 1,2-Dichloroethane	8.531	62	5547	0.847	ug/l	83
43) Isopropyl Acetate	8.568	43	7656	0.767	ug/l	93
44) Trichloroethene	9.209	130	3555	0.791	ug/l	90
45) 1,2-Dichloropropane	9.491	63	3967	0.889	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.582	93	2353m	0.742	ug/l	
47) Bromodichloromethane	9.762	83	4723	0.761	ug/l	91
48) Methyl methacrylate	9.563	41	3312	0.749	ug/l	96
49) 1,4-Dioxane	9.572	88	1204m	15.915	ug/l	
51) 4-Methyl-2-Pentanone	10.333	43	21393	3.491	ug/l	98
52) Toluene	10.508	92	8368	0.725	ug/l	94
53) t-1,3-Dichloropropene	10.719	75	4440	0.701	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	4873	0.709	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	3360	0.764	ug/l	95
56) Ethyl methacrylate	10.762	69	4189	0.620	ug/l	99
57) 1,3-Dichloropropane	11.044	76	5811	0.769	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.044	63	4752	3.487	ug/l #	82
59) 2-Hexanone	11.090	43	14085	3.302	ug/l	100
60) Dibromochloromethane	11.237	129	2927	0.659	ug/l	91
61) 1,2-Dibromoethane	11.347	107	3356	0.746	ug/l	96
64) Tetrachloroethene	10.982	164	3575	0.886	ug/l	84
65) Chlorobenzene	11.773	112	10371	0.896	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.841	131	3255	0.800	ug/l #	62
67) Ethyl Benzene	11.849	91	16390	0.776	ug/l	96
68) m/p-Xylenes	11.956	106	12095	1.517	ug/l	82
69) o-Xylene	12.283	106	5163	0.659	ug/l	99
70) Styrene	12.296	104	8220	0.657	ug/l	92
71) Bromoform	12.460	173	1790	0.663	ug/l #	92
73) Isopropylbenzene	12.581	105	12817	0.836	ug/l	96
74) N-amyl acetate	12.390	43	4306	0.775	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.836	83	4531	1.018	ug/l #	97
76) 1,2,3-Trichloropropane	12.881	75	3850m	0.992	ug/l	
77) Bromobenzene	12.862	156	3200	0.952	ug/l	85
78) n-propylbenzene	12.921	91	15093	0.869	ug/l	100
79) 2-Chlorotoluene	13.010	91	9343	0.891	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	10624	0.852	ug/l	99
82) 4-Chlorotoluene	13.106	91	9385	0.903	ug/l	100
83) tert-Butylbenzene	13.324	119	8528	0.807	ug/l	96
84) 1,2,4-Trimethylbenzene	13.372	105	9112	0.746	ug/l	98
85) sec-Butylbenzene	13.506	105	11832	0.805	ug/l	96
86) p-Isopropyltoluene	13.616	119	8545	0.722	ug/l	95
87) 1,3-Dichlorobenzene	13.624	146	5810	0.927	ug/l	90
88) 1,4-Dichlorobenzene	13.696	146	5099m	0.797	ug/l	
89) n-Butylbenzene	13.946	91	8137	0.803	ug/l	95
90) Hexachloroethane	14.211	117	1699	0.865	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	5058	0.841	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.614	75	675	0.884	ug/l	73
93) 1,2,4-Trichlorobenzene	15.271	180	1709m	0.675	ug/l	
94) Hexachlorobutadiene	15.375	225	1245m	1.004	ug/l	
95) Naphthalene	15.515	128	4417	0.621	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.703	180	1574	0.645	ug/l #	60

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

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