

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068689.D
 Acq On : 26 Sep 2021 1:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:01:35 AM

Quant Time: Sep 27 07:15:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 07:10:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	111882	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	632312	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	541022	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	288497	31.365	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.533%	
60) 4-Bromofluorobenzene	12.733	95	221932	26.854	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 89.500%	
63) Toluene-d8	10.443	98	775785	32.400	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 108.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	2337	0.378	ug/l	96
4) Vinyl Chloride	2.443	62	1912	0.203	ug/l #	64
12) Methyl Acetate	4.859	43	10044m	0.802	ug/l	
14) Acrylonitrile	5.570	53	7366m	2.003	ug/l	
16) Carbon Disulfide	4.537	76	21113	1.226	ug/l	99
19) trans-1,2-Dichloroethene	5.599	96	3385m	0.524	ug/l	
22) cis-1,2-Dichloroethene	7.329	96	2168	0.285	ug/l #	69
29) 1,1-Dichloropropene	8.225	75	3980	0.373	ug/l #	57
37) Trichloroethene	9.220	130	3719	0.485	ug/l	90
40) Dibromomethane	9.579	93	1870	0.318	ug/l	65
47) n-amyl Acetate	12.396	43	19871	1.061	ug/l	98
55) 2-Chloroethyl vinyl ether	10.046	63	5989	1.674	ug/l	97
56) Bromoform	12.463	173	1742	0.249	ug/l #	91
58) 4-Methyl-2-Pentanone	10.333	43	19493	1.847	ug/l	97
59) 2-Hexanone	11.089	43	38037	4.716	ug/l	99
61) Tetrachloroethene	10.977	164	3511	0.558	ug/l	87
62) Toluene	10.510	91	9027	0.306	ug/l	98
64) Chlorobenzene	11.773	112	9870	0.521	ug/l	98
66) Ethyl Benzene	11.848	91	13264	0.388	ug/l	94
67) m/p-Xylenes	11.950	106	11160m	0.869	ug/l	
69) Styrene	12.299	104	10322	0.517	ug/l	96
70) Isopropylbenzene	12.583	105	10995	0.346	ug/l	95
72) 1,2,3-Trichloropropane	12.884	75	8219	0.920	ug/l	83
73) Bromobenzene	12.862	156	5814	0.815	ug/l	97
74) n-propylbenzene	12.921	91	23497	0.651	ug/l	97
75) 2-Chlorotoluene	13.012	91	12152	0.560	ug/l	99
76) 1,3,5-Trimethylbenzene	13.061	105	11749	0.461	ug/l	94
78) 4-Chlorotoluene	13.109	91	18988	0.923	ug/l	100
79) tert-butylbenzene	13.326	119	7279	0.331	ug/l	90
80) 1,2,4-Trimethylbenzene	13.374	105	14972	0.619	ug/l #	82
81) sec-Butylbenzene	13.501	105	15725	0.521	ug/l	99
82) p-Isopropyltoluene	13.616	119	15522	0.644	ug/l	92
83) 1,3-Dichlorobenzene	13.616	146	16173	1.369	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	17715	1.550	ug/l	92
85) n-Butylbenzene	13.946	91	25712	1.291	ug/l	97
87) 1,2-Dichlorobenzene	13.991	146	15812	1.373	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	5334	3.110	ug/l	85
89) 1,2,4-Trichlorobenzene	15.265	180	29089	5.112	ug/l	95
90) Hexachlorobutadiene	15.370	225	4485	1.528	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Naphthalene	15.507	128	157168	10.078	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	40190	7.351	ug/l	99

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

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