Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
Data File : VN068404.D
Acq On : 3 Sep 2021 12:55
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations APPROVED
MMDadoda
9/7/2021 4:39:10 PM

Quant Time: Sep 04 03:09:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 03 13:24:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.665	128	117179	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.971	114	598009	30.000	ug/l	#	0.00
57) Chlorobenzene-d5	11.747	117	509382	30.000	ug/l	#	0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.440	65	201409	28.992	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 96.633%				
60) 4-Bromofluorobenzene	12.734	95	195651	27.123	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.400%				
63) Toluene-d8	10.443	98	685542	30.221	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.733%				
Target Compounds							Qvalue
3) Chloromethane	2.309	50	2345	0.437	ug/l		92
4) Vinyl Chloride	2.451	62	1844	0.231	ug/l	#	75
5) Bromomethane	2.875	94	7553	1.030	ug/l		84
11) Methyl Iodide	4.452	142	5977	0.636	ug/l		79
12) Methyl Acetate	4.873	43	5326m	0.905	ug/l		
13) Acrolein	4.060	56	2591m	4.914	ug/l		
14) Acrylonitrile	5.565	53	4185m	1.754	ug/l		
15) Acetone	4.309	58	1361m	1.941	ug/l		
16) Carbon Disulfide	4.540	76	24659	1.614	ug/l		99
18) Methylene Chloride	5.101	84	4894m	0.765	ug/l		
19) trans-1,2-Dichloroethene	5.613	96	4346m	0.667	ug/l		
30) 2-Butanone	7.343	43	5454m	1.777	ug/l		
37) Trichloroethene	9.223	130	4282	0.528	ug/l	#	74
38) Methylcyclohexane	9.459	83	2229	0.200	ug/l	#	54
40) Dibromomethane	9.582	93	1903m	0.400	ug/l		
46) Methyl methacrylate	9.563	41	1803	0.385	ug/l		81
47) n-amyl Acetate	12.390	43	12910	1.702	ug/l	#	82
48) t-1,3-Dichloropropene	10.719	75	3565	0.394	ug/l		89
49) cis-1,3-Dichloropropene	10.188	75	2363	0.237	ug/l	#	75
50) 1,1,2-Trichloroethane	10.899	97	1879	0.280	ug/l	#	73
51) Ethyl methacrylate	10.765	69	3515	0.407	ug/l		83
58) 4-Methyl-2-Pentanone	10.336	43	13377	2.257	ug/l	#	90
59) 2-Hexanone	11.087	43	25931	6.304	ug/l		88
61) Tetrachloroethene	10.977	164	3495	0.444	ug/l	#	84
62) Toluene	10.505	91	8531	0.305	ug/l		96
64) Chlorobenzene	11.773	112	10274	0.570	ug/l		95
66) Ethyl Benzene	11.848	91	13140	0.437	ug/l		90
67) m/p-Xylenes	11.956	106	10985	0.890	ug/l		80
68) o-Xylene	12.275	106	4573	0.383	ug/l		69
69) Styrene	12.296	104	11493	0.609	ug/l	#	85
70) Isopropylbenzene	12.583	105	12259	0.398	ug/l		85
71) 1,1,2,2-Tetrachloroethane	12.830	83	4918	0.625	ug/l		94
72) 1,2,3-Trichloropropane	12.886	75	5161m	0.800	ug/l		
73) Bromobenzene	12.862	156	7872	0.924	ug/l		47
74) n-propylbenzene	12.921	91	27156	0.817	ug/l		87
75) 2-Chlorotoluene	13.010	91	13669	0.693	ug/l	#	100
76) 1,3,5-Trimethylbenzene	13.061	105	13072	0.513	ug/l		92
78) 4-Chlorotoluene	13.109	91	22309	1.153	ug/l		79
79) tert-butylbenzene	13.326	119	10737	0.461	ug/l		82

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
Data File : VN068404.D
Acq On : 3 Sep 2021 12:55
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations APPROVED
MMDadoda
9/7/2021 4:39:10 PM

Quant Time: Sep 04 03:09:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 03 13:24:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) 1,2,4-Trimethylbenzene	13.369	105	20335	0.822	ug/l	#	65
81) sec-Butylbenzene	13.501	105	23046	0.737	ug/l		92
82) p-Isopropyltoluene	13.616	119	25059	0.932	ug/l		90
83) 1,3-Dichlorobenzene	13.616	146	22952	1.526	ug/l		90
84) 1,4-Dichlorobenzene	13.696	146	28091	1.937	ug/l		91
85) n-Butylbenzene	13.943	91	43817	2.185	ug/l		94
87) 1,2-Dichlorobenzene	13.989	146	23891	1.671	ug/l		88
88) 1,2-Dibromo-3-Chloropr...	14.606	75	3470	2.547	ug/l	#	32
89) 1,2,4-Trichlorobenzene	15.263	180	48552	6.323	ug/l		95
90) Hexachlorobutadiene	15.367	225	10987	2.435	ug/l		96
91) Naphthalene	15.507	128	194354	11.973	ug/l		99
92) 1,2,3-Trichlorobenzene	15.700	180	64863	8.881	ug/l		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
Data File : VN068404.D
Acq On : 3 Sep 2021 12:55
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 03:09:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 03 13:24:01 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations APPROVED
MMDadoda
9/7/2021 4:39:10 PM