Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
Data File : VN068459.D
Acq On : 13 Sep 2021 15:45
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

Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

Quant Time: Sep 14 04:26:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Sep 14 04:23:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.662	128	104390	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.971	114	531907	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.749	117	451933	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.440	65	182525	29.607	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 98.700%				
60) 4-Bromofluorobenzene	12.736	95	171837	26.676	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.933%				
63) Toluene-d8	10.446	98	608468	30.949	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.167%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.073	85	2444	0.514	ug/l		97
3) Chloromethane	2.303	50	1140	0.248	ug/l		97
7) Trichlorofluoromethane	3.381	101	2739m	0.305	ug/l		
10) 1,1-Dichloroethene	4.183	96	1576	0.331	ug/l	#	69
16) Carbon Disulfide	4.540	76	13749	1.120	ug/l	#	90
18) Methylene Chloride	5.103	84	6797m	1.194	ug/l		
29) 1,1-Dichloropropene	8.228	75	2953m	0.414	ug/l		
30) 2-Butanone	7.351	43	7429m	2.730	ug/l		
37) Trichloroethene	9.223	130	3668	0.527	ug/l		83
38) Methylcyclohexane	9.464	83	3555	0.388	ug/l		95
40) Dibromomethane	9.577	93	1649	0.392	ug/l		86
47) n-amyl Acetate	12.396	43	17375	2.519	ug/l		100
50) 1,1,2-Trichloroethane	10.902	97	1662	0.274	ug/l	#	81
51) Ethyl methacrylate	10.765	69	4260	0.546	ug/l		92
52) 1,3-Dichloropropane	11.047	76	2186	0.242	ug/l		77
53) Dibromochloromethane	11.242	129	1862	0.249	ug/l		61
54) 1,2-Dibromoethane	11.347	107	2059	0.316	ug/l		81
56) Bromoform	12.465	173	2734	0.456	ug/l	#	74
58) 4-Methyl-2-Pentanone	10.336	43	16305	3.065	ug/l		100
59) 2-Hexanone	11.095	43	33685	9.136	ug/l		92
61) Tetrachloroethene	10.980	164	3907	0.601	ug/l		95
62) Toluene	10.505	91	8202	0.345	ug/l	#	57
64) Chlorobenzene	11.776	112	9276	0.591	ug/l		98
66) Ethyl Benzene	11.848	91	13124	0.508	ug/l		98
67) m/p-Xylenes	11.956	106	12143	1.140	ug/l		97
68) o-Xylene	12.286	106	4379	0.416	ug/l		94
69) Styrene	12.296	104	11696	0.701	ug/l		96
70) Isopropylbenzene	12.583	105	14028	0.525	ug/l		88
71) 1,1,2,2-Tetrachloroethane	12.830	83	6605	0.908	ug/l		94
72) 1,2,3-Trichloropropane	12.881	75	6543m	1.081	ug/l		
73) Bromobenzene	12.865	156	7689	1.014	ug/l		98
74) n-propylbenzene	12.924	91	27305	0.948	ug/l		95
75) 2-Chlorotoluene	13.012	91	13251	0.764	ug/l		96
76) 1,3,5-Trimethylbenzene	13.063	105	15099	0.677	ug/l		95
78) 4-Chlorotoluene	13.109	91	21800m	1.310	ug/l		
79) tert-butylbenzene	13.326	119	11041	0.539	ug/l		97
80) 1,2,4-Trimethylbenzene	13.372	105	19329	0.896	ug/l	#	61
81) sec-Butylbenzene	13.506	105	22048	0.814	ug/l		96
82) p-Isopropyltoluene	13.621	119	24204	1.042	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
Data File : VN068459.D
Acq On : 13 Sep 2021 15:45
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

Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

Quant Time: Sep 14 04:26:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Sep 14 04:23:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) 1,3-Dichlorobenzene	13.619	146	22306	1.692	ug/l	98
84) 1,4-Dichlorobenzene	13.699	146	25393	2.011	ug/l	98
85) n-Butylbenzene	13.946	91	40308	2.439	ug/l	100
87) 1,2-Dichlorobenzene	13.991	146	23493	1.855	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.606	75	5062	4.117	ug/l	96
89) 1,2,4-Trichlorobenzene	15.265	180	46139	7.539	ug/l	99
90) Hexachlorobutadiene	15.373	225	7521	1.943	ug/l	77
91) Naphthalene	15.512	128	194252	14.714	ug/l	100
92) 1,2,3-Trichlorobenzene	15.705	180	63254	10.976	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
Data File : VN068459.D
Acq On : 13 Sep 2021 15:45
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 14 04:26:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Sep 14 04:23:31 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations APPROVED

Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021