Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011022\
Data File : VX026397.D
Acq On : 10 Jan 2022 12:42
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jan 10 13:05:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.910	128	19973	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.763	114	110789	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	93453	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.958	65	48495	30.195	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.667%				
60) 4-Bromofluorobenzene	11.079	95	44917	28.800	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.000%				
63) Toluene-d8	8.647	98	129588	30.185	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.173	85	294	0.244	ug/l		91
3) Chloromethane	1.295	50	238	0.226	ug/l	#	44
5) Bromomethane	1.624	94	414	0.791	ug/l		98
9) 1,1,2-Trichlorotrifluo...	2.337	101	314	0.273	ug/l		55
10) 1,1-Dichloroethene	2.325	96	308	0.287	ug/l	#	78
11) Methyl Iodide	2.459	142	1149	0.985	ug/l		87
13) Acrolein	2.246	56	406	1.742	ug/l	#	66
14) Acrylonitrile	3.069	53	732	1.167	ug/l		93
15) Acetone	2.380	58	58	0.294	ug/l	#	1
16) Carbon Disulfide	2.520	76	4331	1.428	ug/l	#	94
18) Methylene Chloride	2.794	84	384	0.325	ug/l	#	74
19) trans-1,2-Dichloroethene	3.093	96	343	0.297	ug/l	#	65
23) tert-Butyl Alcohol	2.947	59	104	0.457	ug/l	#	100
38) Methylcyclohexane	7.385	83	462	0.225	ug/l		92
40) Dibromomethane	7.586	93	241	0.283	ug/l		64
42) Vinyl Acetate	3.733	43	940	0.305	ug/l	#	75
53) Dibromochloromethane	9.275	129	359	0.282	ug/l	#	11
55) 2-Chloroethyl vinyl ether	8.251	63	1030	1.031	ug/l	#	89
56) Bromoform	11.085	173	311	0.368	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.574	43	357	0.205	ug/l	#	70
59) 2-Hexanone	9.439	43	332	0.246	ug/l	#	88
64) Chlorobenzene	10.079	112	636	0.210	ug/l	#	84
67) m/p-Xylenes	10.305	106	910	0.439	ug/l		87
73) Bromobenzene	11.201	156	319	0.258	ug/l		99
74) n-propylbenzene	11.305	91	1553	0.249	ug/l		99
75) 2-Chlorotoluene	11.366	91	896	0.239	ug/l		96
76) 1,3,5-Trimethylbenzene	11.457	105	1032	0.229	ug/l		91
77) t-1,4-Dichloro-2-butene	11.079	75	23644	52.707	ug/l	#	3
78) 4-Chlorotoluene	11.457	91	1341	0.314	ug/l		99
80) 1,2,4-Trimethylbenzene	11.756	105	1128	0.253	ug/l		98
81) sec-Butylbenzene	11.890	105	1478	0.270	ug/l		97
82) p-Isopropyltoluene	12.012	119	1303	0.282	ug/l		95
83) 1,3-Dichlorobenzene	11.976	146	899	0.391	ug/l		98
84) 1,4-Dichlorobenzene	12.043	146	1137	0.494	ug/l		97
85) n-Butylbenzene	12.335	91	1840	0.460	ug/l		98
87) 1,2-Dichlorobenzene	12.335	146	813	0.368	ug/l		98
89) 1,2,4-Trichlorobenzene	13.591	180	1158	0.801	ug/l		92
90) Hexachlorobutadiene	13.725	225	1019	1.614	ug/l		93
91) Naphthalene	13.780	128	3594	0.719	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2,3-Trichlorobenzene	13.963	180	1176	0.818	ug/l	95

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

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