Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
Data File : VX025061.D
Acq On : 03 Nov 2021 20:09
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Nov 04 00:00:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 03 23:52:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.910	128	9917	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.769	114	101827	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	92056	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.958	65	54432	57.511	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 191.700%#				
60) 4-Bromofluorobenzene	11.085	95	46585	27.735	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.467%				
63) Toluene-d8	8.653	98	126854	29.836	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.467%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	394	0.519	ug/l	#	43
3) Chloromethane	1.294	50	80	0.201	ug/l	#	79
4) Vinyl Chloride	1.374	62	261	0.570	ug/l		94
5) Bromomethane	1.618	94	427	1.137	ug/l		92
6) Chloroethane	1.892	64	198	0.768	ug/l		99
7) Trichlorofluoromethane	1.892	101	421	0.381	ug/l	#	15
9) 1,1,2-Trichlorotrifluo...	2.337	101	158	0.274	ug/l	#	29
10) 1,1-Dichloroethene	2.325	96	195	0.399	ug/l	#	65
11) Methyl Iodide	2.465	142	1025	5.226	ug/l	#	48
13) Acrolein	2.227	56	50	1.070	ug/l	#	53
14) Acrylonitrile	3.075	53	408	1.412	ug/l	#	75
16) Carbon Disulfide	2.520	76	3369	2.702	ug/l	#	89
17) Allyl chloride	2.678	41	271	0.348	ug/l	#	22
18) Methylene Chloride	2.794	84	881	1.541	ug/l	#	64
19) trans-1,2-Dichloroethene	3.093	96	364	0.678	ug/l	#	78
22) cis-1,2-Dichloroethene	4.501	96	372	0.584	ug/l	#	16
23) tert-Butyl Alcohol	2.947	59	154	0.876	ug/l	#	100
45) 1,4-Dioxane	7.781	88	42	1.597	ug/l	#	1
48) t-1,3-Dichloropropene	8.988	75	529	0.261	ug/l		94
53) Dibromochloromethane	9.275	129	343	0.250	ug/l	#	10
55) 2-Chloroethyl vinyl ether	8.257	63	802	0.930	ug/l	#	61
58) 4-Methyl-2-Pentanone	8.580	43	326	0.210	ug/l	#	54
59) 2-Hexanone	9.445	43	392	0.329	ug/l	#	81
61) Tetrachloroethene	9.275	164	300	0.278	ug/l	#	54
66) Ethyl Benzene	10.305	91	1514	0.272	ug/l		95
67) m/p-Xylenes	10.317	106	718	0.375	ug/l		95
73) Bromobenzene	11.201	156	296	0.244	ug/l		86
74) n-propylbenzene	11.311	91	1511	0.235	ug/l		86
75) 2-Chlorotoluene	11.372	91	819	0.203	ug/l		98
77) t-1,4-Dichloro-2-butene	11.085	75	24210	41.402	ug/l	#	7
78) 4-Chlorotoluene	11.457	91	1490	0.323	ug/l		96
79) tert-butylbenzene	11.719	119	1017	0.228	ug/l		89
80) 1,2,4-Trimethylbenzene	11.750	105	1111	0.238	ug/l		89
81) sec-Butylbenzene	11.896	105	1439	0.259	ug/l		83
82) p-Isopropyltoluene	12.012	119	982	0.213	ug/l		79
83) 1,3-Dichlorobenzene	11.975	146	699	0.310	ug/l		86
84) 1,4-Dichlorobenzene	12.043	146	792	0.352	ug/l		94
85) n-Butylbenzene	12.329	91	1677	0.399	ug/l		89
87) 1,2-Dichlorobenzene	12.335	146	687	0.309	ug/l		85

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
89) 1,2,4-Trichlorobenzene	13.591	180	379	0.282	ug/l	#	68
90) Hexachlorobutadiene	13.725	225	767	1.128	ug/l		87
91) Naphthalene	13.786	128	961	0.209	ug/l	#	87
92) 1,2,3-Trichlorobenzene	13.963	180	578	0.421	ug/l		45

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

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