Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
Data File : BM028328.D
Acq On : 01 Jan 2021 08:46
Operator : JU/CG
Sample : L5123-16MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TT180D1-20201214MS

Quant Time: Jan 01 22:56:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-SIM-BM010121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 16:18:03 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.135	152	679	0.40	ng		0.00
7) Naphthalene-d8	10.959	136	2779	0.40	ng		# 0.00
13) Acenaphthene-d10	14.764	164	1471	0.40	ng		0.00
19) Phenanthrene-d10	17.481	188	2988	0.40	ng		# 0.00
27) Chrysene-d12	21.601	240	2991	0.40	ng		#-0.01
34) Perylene-d12	23.927	264	2896	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.638	112	218	0.09	ng		0.00
5) Phenol-d6	7.273	99	175	0.06	ng		0.00
8) Nitrobenzene-d5	9.299	82	687	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.531	152	1265	0.26	ng		0.00
14) 2,4,6-Tribromophenol	16.237	330	191	0.25	ng		0.00
15) 2-Fluorobiphenyl	13.390	172	1654	0.27	ng		0.00
25) Fluoranthene-d10	19.486	212	3153	0.34	ng		0.00
29) Terphenyl-d14	20.061	244	2942	0.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	1872	1.96	ng	#	86
3) n-Nitrosodimethylamine	3.762	42	179	0.13	ng	#	98
6) bis(2-Chloroethyl)ether	7.547	93	720	0.33	ng		94
9) Naphthalene	10.997	128	2342	0.29	ng		96
10) Hexachlorobutadiene	11.289	225	363	0.23	ng	#	97
12) 2-Methylnaphthalene	12.602	142	1576	0.29	ng		95
16) Acenaphthylene	14.481	152	1930	0.29	ng		100
17) Acenaphthene	14.824	154	1426	0.30	ng		96
18) Fluorene	15.804	166	1844	0.31	ng		100
20) Hexachlorobenzene	16.790	284	617	0.30	ng		94
21) Atrazine	19.511	200	736	0.37	ng	#	36
22) Pentachlorophenol	17.130	266	548	0.65	ng		98
23) Phenanthrene	17.523	178	3245	0.35	ng		100
24) Anthracene	17.608	178	2789	0.34	ng		99
26) Fluoranthene	19.516	202	3804	0.37	ng	#	95
28) Pyrene	19.874	202	3855	0.38	ng		98
30) Benzo(a)anthracene	21.579	228	3879	0.39	ng		99
31) Chrysene	21.632	228	3995	0.39	ng		99
32) Bis(2-ethylhexyl)phtha...	21.494	149	2349	0.50	ng		95
33) Indeno(1,2,3-cd)pyrene	26.303	276	4433	0.39	ng	#	90
35) Benzo(b)fluoranthene	23.222	252	4226	0.39	ng	#	91
36) Benzo(k)fluoranthene	23.270	252	3957	0.39	ng	#	89
37) Benzo(a)pyrene	23.825	252	3447	0.37	ng	#	89
38) Dibenzo(a,h)anthracene	26.317	278	3824	0.39	ng	#	89
39) Benzo(g,h,i)perylene	27.035	276	3873	0.39	ng	#	87

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

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