Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
Data File : BM028307.D
Acq On : 31 Dec 2020 15:37
Operator : JU/CG
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC5.0

Quant Time: Dec 31 16:11:46 2020
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 16:09:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.143	152	686	0.40	ng		0.00
7) Naphthalene-d8	10.959	136	2427	0.40	ng		0.00
13) Acenaphthene-d10	14.764	164	1321	0.40	ng		0.00
19) Phenanthrene-d10	17.480	188	2595	0.40	ng	#	0.00
27) Chrysene-d12	21.611	240	2846	0.40	ng	#	0.00
34) Perylene-d12	23.938	264	2675	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.638	112	10517	5.21	ng		0.00
5) Phenol-d6	7.273	99	14448	5.84	ng		0.00
8) Nitrobenzene-d5	9.299	82	11368	6.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.535	152	20895	4.97	ng		0.00
14) 2,4,6-Tribromophenol	16.237	330	3816	3.87	ng		0.00
15) 2-Fluorobiphenyl	13.390	172	26736	5.02	ng		0.00
25) Fluoranthene-d10	19.486	212	41623	6.16	ng		0.00
29) Terphenyl-d14	20.061	244	31945	4.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	4148	5.48	ng		89
3) n-Nitrosodimethylamine	3.746	42	6511	8.02	ng	#	88
6) bis(2-Chloroethyl)ether	7.547	93	9840	5.45	ng		95
9) Naphthalene	11.010	128	34443	5.53	ng		96
10) Hexachlorobutadiene	11.289	225	6549	4.41	ng	#	99
12) 2-Methylnaphthalene	12.606	142	23747	5.19	ng		94
16) Acenaphthylene	14.491	152	32874	6.20	ng		99
17) Acenaphthene	14.824	154	22161	5.44	ng		97
18) Fluorene	15.804	166	27020	5.28	ng		99
20) Hexachlorobenzene	16.800	284	8795	4.25	ng		92
21) Atrazine	19.516	200	9188	5.01	ng	#	36
22) Pentachlorophenol	17.140	266	4198	5.03	ng		99
23) Phenanthrene	17.523	178	40704	5.29	ng		100
24) Anthracene	17.619	178	38427	5.52	ng		99
26) Fluoranthene	19.516	202	47118	5.75	ng	#	96
28) Pyrene	19.878	202	50327	5.49	ng		97
30) Benzo(a)anthracene	21.590	228	47281	5.28	ng		97
31) Chrysene	21.643	228	47784	5.28	ng		98
32) Bis(2-ethylhexyl)phtha...	21.494	149	23527	5.12	ng		96
33) Indeno(1,2,3-cd)pyrene	26.316	276	51549	3.69	ng	#	91
35) Benzo(b)fluoranthene	23.229	252	49156	5.31	ng	#	94
36) Benzo(k)fluoranthene	23.277	252	47656	5.50	ng	#	95
37) Benzo(a)pyrene	23.835	252	43710	5.25	ng		93
38) Dibenzo(a,h)anthracene	26.327	278	45201	4.51	ng	#	92
39) Benzo(g,h,i)perylene	27.049	276	43851	3.82	ng	#	92

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

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