Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018204.D
Acq On : 24 Dec 2021 06:24
Operator : CG/JU
Sample : M5224-06MSD 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 24 23:34:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SB-COMPMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	26768	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	117185	0.400	ng	0.00
13) Acenaphthene-d10	14.256	164	75829	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	161033	0.400	ng	0.00
29) Chrysene-d12	21.196	240	166387	0.400	ng	# 0.00
35) Perylene-d12	23.419	264	183959	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	4104	0.070	ng	0.02
5) Phenol-d6	6.813	99	4671	0.075	ng	0.00
8) Nitrobenzene-d5	8.772	82	5731	0.073	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	15958	0.079	ng	0.00
14) 2,4,6-Tribromophenol	15.741	330	3008	0.241	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	19336	0.068	ng	-0.01
27) Fluoranthene-d10	19.033	212	31326	0.061	ng	0.00
31) Terphenyl-d14	19.639	244	30594	0.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	1065	0.066	ng	# 64
3) n-Nitrosodimethylamine	3.502	42	1841	0.079	ng	# 90
6) bis(2-Chloroethyl)ether	7.052	93	6046	0.090	ng	99
9) Naphthalene	10.445	128	1005772	3.477	ng	100
10) Hexachlorobutadiene	10.749	225	6535	0.085	ng	# 100
12) 2-Methylnaphthalene	12.065	142	319248	1.671	ng	100
16) Acenaphthylene	13.964	152	270455	0.960	ng	97
17) Acenaphthene	14.307	154	433492	2.206	ng	99
18) Fluorene	15.297	166	531876m	2.202	ng	
20) 4,6-Dinitro-2-methylph...	15.398	198	234	0.178	ng	# 1
21) 4-Bromophenyl-phenylether	16.190	248	8633	0.088	ng	# 83
22) Hexachlorobenzene	16.312	284	9829	0.084	ng	98
23) Atrazine	16.470	200	7183	0.191	ng	# 96
24) Pentachlorophenol	16.665	266	8317	0.451	ng	99
25) Phenanthrene	17.042	178	6403868	14.984	ng	98
26) Anthracene	17.127	178	1545569	4.389	ng	# 92
28) Fluoranthene	19.063	202	6613326	13.253	ng	98
30) Pyrene	19.425	202	6379490	11.947	ng	# 93
32) Benzo(a)anthracene	21.174	228	3569905	7.386	ng	97
33) Chrysene	21.227	228	3330605	6.316	ng	96
34) Bis(2-ethylhexyl)phtha...	21.121	149	854735	3.429	ng	99
36) Indeno(1,2,3-cd)pyrene	25.679	276	1458997	2.740	ng	# 96
37) Benzo(b)fluoranthene	22.755	252	3877702	6.815	ng	98
38) Benzo(k)fluoranthene	22.793	252	1417659m	2.473	ng	
39) Benzo(a)pyrene	23.324	252	2975820	5.819	ng	98
40) Dibenzo(a,h)anthracene	25.689	278	408771	0.928	ng	97
41) Benzo(g,h,i)perylene	26.373	276	1322506	2.696	ng	99

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

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