Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018267.D
Acq On : 29 Dec 2021 18:49
Operator : CG/JU
Sample : M5224-06MS 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 02:23:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SB-COMPMS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31227	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	128330	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	77161	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	157486	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	162759	0.400	ng	# 0.00
35) Perylene-d12	23.419	264	168374	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	3934	0.063	ng	0.02
5) Phenol-d6	6.831	99	3831	0.063	ng	0.00
8) Nitrobenzene-d5	8.797	82	4437	0.184	ng	0.01
11) 2-Methylnaphthalene-d10	12.007	152	15533	0.072	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	1566	0.343	ng	-0.01
15) 2-Fluorobiphenyl	12.899	172	19262	0.066	ng	0.00
27) Fluoranthene-d10	19.038	212	30028	0.060	ng	0.00
31) Terphenyl-d14	19.644	244	28404	0.069	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.180	88	1382	0.078	ng	# 63
3) n-Nitrosodimethylamine	3.521	42	1947	0.076	ng	# 85
6) bis(2-Chloroethyl)ether	7.080	93	6584	0.089	ng	99
9) Naphthalene	10.457	128	1066683	3.361	ng	99
10) Hexachlorobutadiene	10.762	225	6874	0.078	ng	# 100
12) 2-Methylnaphthalene	12.083	142	322919	1.588	ng	99
16) Acenaphthylene	13.977	152	270309	0.996	ng	97
17) Acenaphthene	14.320	154	431059	2.163	ng	99
18) Fluorene	15.309	166	506642m	2.158	ng	
20) 4,6-Dinitro-2-methylph...	15.449	198	331	0.305	ng	# 1
21) 4-Bromophenyl-phenylether	16.202	248	7762	0.081	ng	# 92
22) Hexachlorobenzene	16.324	284	9231	0.076	ng	# 94
23) Atrazine	16.482	200	5493	0.204	ng	95
24) Pentachlorophenol	16.665	266	3310	0.396	ng	98
25) Phenanthrene	17.042	178	6480437	15.609	ng	99
26) Anthracene	17.139	178	1457865	3.839	ng	# 92
28) Fluoranthene	19.073	202	6731499	13.844	ng	98
30) Pyrene	19.430	202	6467043	10.133	ng	# 93
32) Benzo(a)anthracene	21.174	228	3442219	6.603	ng	98
33) Chrysene	21.227	228	3329862	6.355	ng	97
34) Bis(2-ethylhexyl)phtha...	21.121	149	808626	3.980	ng	98
36) Indeno(1,2,3-cd)pyrene	25.682	276	1424773	3.543	ng	97
37) Benzo(b)fluoranthene	22.755	252	3591419	6.712	ng	98
38) Benzo(k)fluoranthene	22.793	252	1405142m	2.774	ng	
39) Benzo(a)pyrene	23.324	252	2723259	5.850	ng	98
40) Dibenzo(a,h)anthracene	25.692	278	374907	1.308	ng	97
41) Benzo(g,h,i)perylene	26.373	276	1387085	3.458	ng	99

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

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