Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017974.D
Acq On : 13 Dec 2021 17:09
Operator : CG/JU
Sample : M4956-13MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 14 03:41:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
12/14/2021
Supervised By :Jagrut Upadhyay
12/14/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	24913	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	108976	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	71149	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	145527	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	127499	0.400	ng	#-0.01
35) Perylene-d12	23.579	264	108317	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	8416	0.164	ng	0.00
5) Phenol-d6	6.903	99	5796	0.114	ng	0.00
8) Nitrobenzene-d5	8.846	82	25064	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	59053	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	15482	0.731	ng	-0.01
15) 2-Fluorobiphenyl	12.964	172	92777	0.371	ng	0.00
27) Fluoranthene-d10	19.124	212	171230	0.363	ng	0.00
31) Terphenyl-d14	19.730	244	140885	0.448	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.280	88	3374m	0.446	ng	
3) n-Nitrosodimethylamine	3.602	42	5733	0.251	ng	# 78
6) bis(2-Chloroethyl)ether	7.143	93	24610	0.394	ng	98
9) Naphthalene	10.532	128	96646	0.357	ng	99
10) Hexachlorobutadiene	10.836	225	23672	0.307	ng	# 100
12) 2-Methylnaphthalene	12.156	142	73309	0.407	ng	99
16) Acenaphthylene	14.055	152	120812	0.455	ng	# 94
17) Acenaphthene	14.398	154	73278	0.397	ng	99
18) Fluorene	15.388	166	103800	0.462	ng	99
20) 4,6-Dinitro-2-methylph...	15.476	198	1706	1.667	ng	# 57
21) 4-Bromophenyl-phenylether	16.277	248	40668	0.488	ng	# 91
22) Hexachlorobenzene	16.399	284	44078	0.405	ng	98
23) Atrazine	16.557	200	37934	0.621	ng	# 92
24) Pentachlorophenol	16.752	266	39751	3.130	ng	98
25) Phenanthrene	17.129	178	189381	0.509	ng	98
26) Anthracene	17.214	178	160296	0.517	ng	100
28) Fluoranthene	19.154	202	224193	0.490	ng	100
30) Pyrene	19.516	202	227293	0.455	ng	99
32) Benzo(a)anthracene	21.272	228	183544	0.499	ng	97
33) Chrysene	21.325	228	186667	0.446	ng	98
34) Bis(2-ethylhexyl)phtha...	21.208	149	145137	1.060	ng	98
36) Indeno(1,2,3-cd)pyrene	25.937	276	119358	0.611	ng	99
37) Benzo(b)fluoranthene	22.884	252	169696	0.474	ng	98
38) Benzo(k)fluoranthene	22.932	252	161515	0.463	ng	# 97
39) Benzo(a)pyrene	23.476	252	145073	0.456	ng	# 95
40) Dibenzo(a,h)anthracene	25.951	278	92514	0.696	ng	99
41) Benzo(g,h,i)perylene	26.656	276	97304	0.565	ng	99

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

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