Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017968.D
Acq On : 13 Dec 2021 12:42
Operator : CG/JU
Sample : M4923-22MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202MSD

Manual Integrations APPROVED

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

Quant Time: Dec 14 03:40:40 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	25260	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	108280	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	67451	0.400	ng		0.00
19) Phenanthrene-d10	17.080	188	142183	0.400	ng		#-0.01
29) Chrysene-d12	21.293	240	105710	0.400	ng		# 0.00
35) Perylene-d12	23.589	264	60901	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.336	112	1719815	33.026	ng		0.00
5) Phenol-d6	6.903	99	1205437	23.311	ng		0.00
8) Nitrobenzene-d5	8.859	82	3600395	50.924	ng		0.00
11) 2-Methylnaphthalene-d10	12.085	152	52145	0.274	ng		0.00
14) 2,4,6-Tribromophenol	15.831	330	2427525	66.291	ng		-0.01
15) 2-Fluorobiphenyl	12.964	172	7965749	33.561	ng		0.00
27) Fluoranthene-d10	19.124	212	163997	0.356	ng		0.00
31) Terphenyl-d14	19.735	244	9114331	34.969	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	53143m	6.933	ng		
3) n-Nitrosodimethylamine	3.602	42	3395	0.146	ng	#	82
6) bis(2-Chloroethyl)ether	7.134	93	25043	0.395	ng		100
9) Naphthalene	10.532	128	93516	0.347	ng		100
10) Hexachlorobutadiene	10.836	225	23027	0.300	ng	#	100
12) 2-Methylnaphthalene	12.156	142	64401	0.360	ng		100
16) Acenaphthylene	14.055	152	90265	0.358	ng		99
17) Acenaphthene	14.398	154	60865	0.348	ng		100
18) Fluorene	15.387	166	82044	0.385	ng		100
20) 4,6-Dinitro-2-methylph...	15.489	198	187	0.690	ng	#	67
21) 4-Bromophenyl-phenylether	16.277	248	33563	0.412	ng	#	85
22) Hexachlorobenzene	16.399	284	37888	0.357	ng		99
23) Atrazine	16.557	200	25012	0.449	ng		98
24) Pentachlorophenol	16.751	266	10237	1.531	ng		98
25) Phenanthrene	17.129	178	156743	0.431	ng		99
26) Anthracene	17.214	178	141575	0.467	ng		99
28) Fluoranthene	19.154	202	205351	0.459	ng		100
30) Pyrene	19.516	202	206915	0.499	ng		100
32) Benzo(a)anthracene	21.272	228	134920	0.448	ng		98
33) Chrysene	21.325	228	144003	0.415	ng		100
34) Bis(2-ethylhexyl)phtha...	21.218	149	75224	0.663	ng		100
36) Indeno(1,2,3-cd)pyrene	25.957	276	37995m	0.384	ng		
37) Benzo(b)fluoranthene	22.891	252	93957	0.467	ng		98
38) Benzo(k)fluoranthene	22.938	252	89198	0.455	ng		100
39) Benzo(a)pyrene	23.490	252	77036	0.431	ng	#	92
40) Dibenzo(a,h)anthracene	25.988	278	24982m	0.387	ng		
41) Benzo(g,h,i)perylene	26.676	276	37166	0.384	ng		99

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

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