Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023499.D
Acq On : 27 Dec 2022 21:54
Operator : CG/JU
Sample : N6103-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT-210-IDWSO-20221215MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 04:17:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:57:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	4552	0.400	ng	0.00
7) Naphthalene-d8	10.797	136	13660	0.400	ng	0.00
13) Acenaphthene-d10	14.623	164	7728	0.400	ng	0.00
19) Phenanthrene-d10	17.377	188	16876	0.400	ng	0.00
29) Chrysene-d12	21.562	240	15021	0.400	ng	# 0.00
35) Perylene-d12	24.001	264	13392	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.522	112	4620	0.458	ng	0.00
5) Phenol-d6	7.139	99	6207	0.502	ng	0.00
8) Nitrobenzene-d5	9.142	82	3591	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.382	152	9512m	0.478	ng	0.00
14) 2,4,6-Tribromophenol	16.111	330	1279	0.338	ng	-0.01
15) 2-Fluorobiphenyl	13.255	172	10687	0.349	ng	0.00
27) Fluoranthene-d10	19.405	212	15431	0.374	ng	0.00
31) Terphenyl-d14	20.000	244	14986	0.428	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	1661	0.379	ng	# 78
3) n-Nitrosodimethylamine	3.694	42	2077	0.393	ng	# 87
6) bis(2-Chloroethyl)ether	7.399	93	5733	0.478	ng	98
9) Naphthalene	10.840	128	15732	0.451	ng	100
10) Hexachlorobutadiene	11.128	225	2963	0.421	ng	# 99
12) 2-Methylnaphthalene	12.454	142	11378	0.453	ng	100
16) Acenaphthylene	14.345	152	15105	0.470	ng	99
17) Acenaphthene	14.688	154	11373m	0.526	ng	
18) Fluorene	15.671	166	14447	0.480	ng	100
20) 4,6-Dinitro-2-methylph...	15.751	198	739	0.484	ng	95
21) 4-Bromophenyl-phenylether	16.558	248	4606	0.465	ng	92
22) Hexachlorobenzene	16.682	284	4994	0.418	ng	99
23) Atrazine	16.831	200	3060	0.400	ng	98
24) Pentachlorophenol	17.030	266	1046	0.345	ng	98
25) Phenanthrene	17.414	178	57711	1.201	ng	100
26) Anthracene	17.501	178	25738	0.645	ng	100
28) Fluoranthene	19.435	202	119384	2.210	ng	100
30) Pyrene	19.797	202	111811	1.994	ng	96
32) Benzo(a)anthracene	21.544	228	80152	1.601	ng	100
33) Chrysene	21.598	228	77914	1.516	ng	99
34) Bis(2-ethylhexyl)phtha...	21.464	149	20404	0.663	ng	99
36) Indeno(1,2,3-cd)pyrene	26.544	276	46389	0.928	ng	96
37) Benzo(b)fluoranthene	23.255	252	92402	1.796	ng	95
38) Benzo(k)fluoranthene	23.299	252	53019m	1.048	ng	
39) Benzo(a)pyrene	23.889	252	66474m	1.693	ng	
40) Dibenzo(a,h)anthracene	26.565	278	21447	0.563	ng	99
41) Benzo(g,h,i)perylene	27.334	276	44739	1.016	ng	99

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

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