Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023498.D
Acq On : 27 Dec 2022 21:17
Operator : CG/JU
Sample : N6103-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Dec 28 04:17:19 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	4618	0.400	ng	0.00
7) Naphthalene-d8	10.797	136	13812	0.400	ng	0.00
13) Acenaphthene-d10	14.623	164	7730	0.400	ng	0.00
19) Phenanthrene-d10	17.377	188	16873	0.400	ng	0.00
29) Chrysene-d12	21.557	240	14760	0.400	ng	#-0.01
35) Perylene-d12	24.002	264	12823	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.529	112	4615	0.451	ng	0.00
5) Phenol-d6	7.139	99	6172	0.492	ng	0.00
8) Nitrobenzene-d5	9.142	82	3603	0.333	ng	0.00
11) 2-Methylnaphthalene-d10	12.382	152	9440m	0.469	ng	0.00
14) 2,4,6-Tribromophenol	16.123	330	1247	0.329	ng	0.00
15) 2-Fluorobiphenyl	13.255	172	10786	0.352	ng	0.00
27) Fluoranthene-d10	19.405	212	15306	0.371	ng	0.00
31) Terphenyl-d14	20.000	244	14885	0.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	1689	0.380	ng	# 73
3) n-Nitrosodimethylamine	3.694	42	2039	0.380	ng	83
6) bis(2-Chloroethyl)ether	7.399	93	5759	0.473	ng	99
9) Naphthalene	10.840	128	15938	0.452	ng	100
10) Hexachlorobutadiene	11.128	225	2981	0.419	ng	# 99
12) 2-Methylnaphthalene	12.454	142	11349	0.447	ng	99
16) Acenaphthylene	14.345	152	14917	0.464	ng	99
17) Acenaphthene	14.687	154	11374	0.526	ng	99
18) Fluorene	15.671	166	14434	0.479	ng	99
20) 4,6-Dinitro-2-methylph...	15.751	198	732	0.482	ng	97
21) 4-Bromophenyl-phenylether	16.558	248	4606	0.465	ng	95
22) Hexachlorobenzene	16.682	284	4955	0.415	ng	99
23) Atrazine	16.831	200	3019	0.395	ng	99
24) Pentachlorophenol	17.029	266	1046	0.345	ng	96
25) Phenanthrene	17.414	178	57357	1.194	ng	100
26) Anthracene	17.501	178	25384	0.636	ng	99
28) Fluoranthene	19.435	202	118207	2.189	ng	99
30) Pyrene	19.797	202	110330	2.002	ng	97
32) Benzo(a)anthracene	21.549	228	78693	1.600	ng	99
33) Chrysene	21.602	228	75154	1.488	ng	99
34) Bis(2-ethylhexyl)phtha...	21.468	149	19703	0.651	ng	100
36) Indeno(1,2,3-cd)pyrene	26.542	276	44006	0.919	ng	96
37) Benzo(b)fluoranthene	23.253	252	92373	1.875	ng	95
38) Benzo(k)fluoranthene	23.303	252	48714m	1.006	ng	
39) Benzo(a)pyrene	23.894	252	63852m	1.698	ng	
40) Dibenzo(a,h)anthracene	26.566	278	20243	0.555	ng	99
41) Benzo(g,h,i)perylene	27.332	276	42560	1.009	ng	99

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

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