Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022487.D
Acq On : 03 Nov 2022 21:08
Operator : CG/JU
Sample : N5395-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-1-103122MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

Quant Time: Nov 04 04:08:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:28:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	2812	0.400	ng	0.00
7) Naphthalene-d8	10.741	136	9523	0.400	ng	#-0.01
13) Acenaphthene-d10	14.589	164	4947	0.400	ng	-0.01
19) Phenanthrene-d10	17.350	188	10895	0.400	ng	# 0.00
29) Chrysene-d12	21.555	240	9161	0.400	ng	# 0.00
35) Perylene-d12	24.008	264	8690	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	2127	0.268	ng	0.00
5) Phenol-d6	7.083	99	3424	0.342	ng	0.00
8) Nitrobenzene-d5	9.097	82	2006	0.233	ng	-0.01
11) 2-Methylnaphthalene-d10	12.346	152	3738	0.234	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	638	0.246	ng	0.00
15) 2-Fluorobiphenyl	13.221	172	5403	0.262	ng	0.00
27) Fluoranthene-d10	19.390	212	6090	0.205	ng	0.00
31) Terphenyl-d14	19.989	244	5521	0.193	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.262	88	1225	0.290	ng	# 83
3) n-Nitrosodimethylamine	3.602	42	1443	0.329	ng	# 93
6) bis(2-Chloroethyl)ether	7.343	93	3594	0.401	ng	99
9) Naphthalene	10.795	128	16792	0.582	ng	98
10) Hexachlorobutadiene	11.072	225	1635	0.329	ng	# 99
12) 2-Methylnaphthalene	12.058	142	2367	0.345	ng	# 96
16) Acenaphthylene	14.311	152	53464	2.129	ng	99
17) Acenaphthene	14.653	154	11969	0.740	ng	99
18) Fluorene	15.647	166	78942	3.481	ng	99
20) 4,6-Dinitro-2-methylph...	15.749	198	452	0.395	ng	# 79
21) 4-Bromophenyl-phenylether	16.543	248	2530	0.376	ng	# 91
22) Hexachlorobenzene	16.655	284	2743	0.357	ng	99
23) Atrazine	16.816	200	2080	0.343	ng	97
24) Pentachlorophenol	17.015	266	538	0.306	ng	99
25) Phenanthrene	17.387	178	669718	18.391	ng	100
26) Anthracene	17.486	178	240029	7.492	ng	100
28) Fluoranthene	19.424	202	614294	15.653	ng	99
30) Pyrene	19.786	202	433060	10.949	ng	99
32) Benzo(a)anthracene	21.537	228	218844	5.941	ng	97
33) Chrysene	21.591	228	176997	4.851	ng	98
34) Bis(2-ethylhexyl)phtha...	21.457	149	11463	0.369	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.572	276	89852	2.147	ng	95
37) Benzo(b)fluoranthene	23.257	252	203648	5.960	ng	# 90
38) Benzo(k)fluoranthene	23.301	252	78463m	2.252	ng	
39) Benzo(a)pyrene	23.897	252	157143m	5.369	ng	
40) Dibenzo(a,h)anthracene	26.590	278	28971	0.870	ng	99
41) Benzo(g,h,i)perylene	27.367	276	75290	2.129	ng	95

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

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