Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025629.D
Acq On : 27 May 2023 04:30
Operator : CG/JU
Sample : 02852-17MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 27 05:01:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 27 03:51:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	7715	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	22137	0.400	ng	#-0.01
13) Acenaphthene-d10	14.651	164	11831	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	22904	0.400	ng	0.00
29) Chrysene-d12	21.578	240	11471	0.400	ng	# 0.00
35) Perylene-d12	24.069	264	9056	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	5863	0.297	ng	0.00
5) Phenol-d6	7.174	99	7306	0.308	ng	0.00
8) Nitrobenzene-d5	9.191	82	5555	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	11333m	0.359	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	848	0.355	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	15344	0.314	ng	0.00
27) Fluoranthene-d10	19.425	212	13628	0.263	ng	0.00
31) Terphenyl-d14	20.015	244	9270	0.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	2648	0.296	ng	# 83
3) n-Nitrosodimethylamine	3.729	42	3146	0.327	ng	# 67
6) bis(2-Chloroethyl)ether	7.434	93	8348	0.342	ng	88
9) Naphthalene	10.889	128	21349	0.353	ng	100
10) Hexachlorobutadiene	11.177	225	3695	0.352	ng	# 95
12) 2-Methylnaphthalene	12.495	142	13985	0.336	ng	100
16) Acenaphthylene	14.373	152	19460	0.348	ng	100
17) Acenaphthene	14.715	154	13014	0.354	ng	100
18) Fluorene	15.693	166	16525	0.340	ng	100
20) 4,6-Dinitro-2-methylph...	15.780	198	1352	0.535	ng	# 51
21) 4-Bromophenyl-phenylether	16.586	248	4813	0.370	ng	91
22) Hexachlorobenzene	16.710	284	4592	0.386	ng	98
23) Atrazine	16.847	200	3845	0.371	ng	96
24) Pentachlorophenol	17.070	266	1456m	1.093	ng	
25) Phenanthrene	17.443	178	25048	0.359	ng	100
26) Anthracene	17.530	178	21822	0.346	ng	100
28) Fluoranthene	19.453	202	24385	0.321	ng	# 90
30) Pyrene	19.816	202	24703	0.442	ng	99
32) Benzo(a)anthracene	21.560	228	15499	0.363	ng	99
33) Chrysene	21.614	228	16142	0.348	ng	100
34) Bis(2-ethylhexyl)phtha...	21.480	149	23764	0.913	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.685	276	13225	0.381	ng	# 61
37) Benzo(b)fluoranthene	23.306	252	13037m	0.378	ng	
38) Benzo(k)fluoranthene	23.355	252	12791	0.356	ng	# 93
39) Benzo(a)pyrene	23.958	252	11000	0.334	ng	# 90
40) Dibenzo(a,h)anthracene	26.709	278	10227	0.372	ng	98
41) Benzo(g,h,i)perylene	27.478	276	11865	0.378	ng	98

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

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