Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027125.D
Acq On : 25 Aug 2023 19:01
Operator : MA/JU
Sample : PB154980BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154980BSD

Quant Time: Aug 26 02:17:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.087	152	5794	0.400	ng		0.00
7) Naphthalene-d8	10.906	136	15468	0.400	ng	#	0.00
13) Acenaphthene-d10	14.715	164	9891	0.400	ng		0.01
19) Phenanthrene-d10	17.455	188	22218	0.400	ng	#	0.00
29) Chrysene-d12	21.631	240	17969	0.400	ng		0.00
35) Perylene-d12	24.168	264	18434	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.603	112	5835	0.357	ng		0.00
5) Phenol-d6	7.221	99	6888	0.342	ng		0.00
8) Nitrobenzene-d5	9.272	82	3891	0.298	ng		0.00
11) 2-Methylnaphthalene-d10	12.483	152	9223	0.375	ng		0.00
14) 2,4,6-Tribromophenol	16.201	330	1431	0.272	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	14734	0.401	ng		0.00
27) Fluoranthene-d10	19.481	212	21555	0.378	ng		0.00
31) Terphenyl-d14	20.066	244	14681	0.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.465	88	2900	0.465	ng		95
3) n-Nitrosodimethylamine	3.812	42	3037	0.438	ng		91
6) bis(2-Chloroethyl)ether	7.510	93	6926	0.408	ng		98
9) Naphthalene	10.959	128	16551	0.407	ng		100
10) Hexachlorobutadiene	11.194	225	3489	0.419	ng	#	100
12) 2-Methylnaphthalene	12.558	142	12219	0.384	ng		100
16) Acenaphthylene	14.437	152	18382	0.389	ng		100
17) Acenaphthene	14.768	154	11951	0.410	ng		99
18) Fluorene	15.754	166	15966	0.408	ng		98
20) 4,6-Dinitro-2-methylph...	16.909	198	144	0.413	ng	#	44
21) 4-Bromophenyl-phenylether	16.648	248	4657	0.367	ng	#	94
22) Hexachlorobenzene	16.722	284	5805	0.429	ng		98
23) Atrazine	16.909	200	3616	0.320	ng	#	94
24) Pentachlorophenol	17.095	266	1798	0.263	ng		98
25) Phenanthrene	17.504	178	24949	0.391	ng		100
26) Anthracene	17.591	178	21130	0.355	ng		100
28) Fluoranthene	19.509	202	29294	0.387	ng		99
30) Pyrene	19.876	202	29966	0.433	ng		100
32) Benzo(a)anthracene	21.613	228	24799	0.382	ng		100
33) Chrysene	21.667	228	26852	0.410	ng		100
34) Bis(2-ethylhexyl)phtha...	21.497	149	12380	0.265	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.855	276	26438	0.350	ng		99
37) Benzo(b)fluoranthene	23.381	252	26248	0.425	ng	#	95
38) Benzo(k)fluoranthene	23.434	252	25713	0.405	ng	#	95
39) Benzo(a)pyrene	24.054	252	24213	0.392	ng	#	92
40) Dibenzo(a,h)anthracene	26.881	278	20757	0.345	ng		97
41) Benzo(g,h,i)perylene	27.685	276	23244	0.359	ng		97

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

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