Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026883.D
Acq On : 10 Aug 2023 14:53
Operator : MA/JU
Sample : PB154655BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154655BSD

Quant Time: Aug 11 02:12:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:57:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	5646	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	15760	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	10549	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	24706	0.400	ng		0.00
29) Chrysene-d12	21.659	240	22248	0.400	ng	#	0.00
35) Perylene-d12	24.206	264	25834	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	5821	0.366	ng		0.00
5) Phenol-d6	7.236	99	7019	0.357	ng		0.00
8) Nitrobenzene-d5	9.294	82	4303	0.323	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	9477	0.378	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	1819	0.324	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	15324	0.391	ng		0.00
27) Fluoranthene-d10	19.500	212	24448	0.386	ng		0.00
31) Terphenyl-d14	20.090	244	17266	0.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	2516	0.414	ng		93
3) n-Nitrosodimethylamine	3.819	42	2601	0.385	ng		98
6) bis(2-Chloroethyl)ether	7.539	93	6417	0.388	ng		100
9) Naphthalene	10.992	128	16034	0.387	ng		100
10) Hexachlorobutadiene	11.227	225	3282	0.387	ng	#	99
12) 2-Methylnaphthalene	12.585	142	12143	0.375	ng		99
16) Acenaphthylene	14.459	152	18908	0.376	ng		100
17) Acenaphthene	14.801	154	12142	0.390	ng		99
18) Fluorene	15.780	166	16517	0.396	ng		98
20) 4,6-Dinitro-2-methylph...	16.934	198	184	0.475	ng	#	54
21) 4-Bromophenyl-phenylether	16.673	248	5344	0.379	ng		99
22) Hexachlorobenzene	16.748	284	6053	0.402	ng		99
23) Atrazine	16.934	200	4548	0.362	ng		99
24) Pentachlorophenol	17.108	266	2392	0.315	ng		99
25) Phenanthrene	17.517	178	27545	0.388	ng		100
26) Anthracene	17.617	178	24129	0.364	ng		100
28) Fluoranthene	19.532	202	32566	0.387	ng		100
30) Pyrene	19.895	202	33655	0.393	ng		100
32) Benzo(a)anthracene	21.641	228	31005	0.386	ng		99
33) Chrysene	21.695	228	32253	0.398	ng		99
34) Bis(2-ethylhexyl)phtha...	21.533	149	18750	0.324	ng		100
36) Indeno(1,2,3-cd)pyrene	26.908	276	41138	0.389	ng		100
37) Benzo(b)fluoranthene	23.414	252	33188	0.384	ng		98
38) Benzo(k)fluoranthene	23.467	252	33959	0.382	ng		98
39) Benzo(a)pyrene	24.089	252	33141	0.383	ng		98
40) Dibenzo(a,h)anthracene	26.937	278	32696	0.388	ng		99
41) Benzo(g,h,i)perylene	27.744	276	35416	0.391	ng		99

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

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