Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027234.D
Acq On : 29 Aug 2023 10:35
Operator : MA/JU
Sample : PB155057BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155057BS

Quant Time: Aug 30 00:03:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	4934	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	12551	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	8393	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	19684	0.400	ng		0.00
29) Chrysene-d12	21.623	240	16317	0.400	ng		0.00
35) Perylene-d12	24.153	264	15593	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	4897	0.381	ng		0.00
5) Phenol-d6	7.207	99	6033	0.386	ng		0.00
8) Nitrobenzene-d5	9.262	82	4047	0.442	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	7697	0.418	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1128	0.363	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	12714	0.398	ng		0.00
27) Fluoranthene-d10	19.467	212	18980	0.388	ng		0.00
31) Terphenyl-d14	20.052	244	12871	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.465	88	2628	0.436	ng		96
3) n-Nitrosodimethylamine	3.805	42	2742	0.429	ng	#	92
6) bis(2-Chloroethyl)ether	7.495	93	6108	0.404	ng		98
9) Naphthalene	10.949	128	13435	0.393	ng		100
10) Hexachlorobutadiene	11.173	225	2807	0.440	ng	#	99
12) 2-Methylnaphthalene	12.544	142	10391	0.427	ng		100
16) Acenaphthylene	14.427	152	14567	0.381	ng		100
17) Acenaphthene	14.758	154	10093	0.396	ng		98
18) Fluorene	15.742	166	13862	0.408	ng		100
20) 4,6-Dinitro-2-methylph...	16.897	198	129	0.460	ng		84
21) 4-Bromophenyl-phenylether	16.636	248	3978	0.383	ng		97
22) Hexachlorobenzene	16.710	284	4910	0.399	ng		100
23) Atrazine	16.897	200	2995	0.386	ng		98
24) Pentachlorophenol	17.070	266	1600	0.338	ng		99
25) Phenanthrene	17.492	178	22669	0.392	ng		100
26) Anthracene	17.579	178	18478	0.376	ng		99
28) Fluoranthene	19.495	202	26304	0.386	ng		100
30) Pyrene	19.862	202	26800	0.413	ng		100
32) Benzo(a)anthracene	21.605	228	21142	0.378	ng		100
33) Chrysene	21.659	228	25563	0.416	ng		99
34) Bis(2-ethylhexyl)phtha...	21.479	149	9477	0.351	ng		97
36) Indeno(1,2,3-cd)pyrene	26.826	276	23230	0.367	ng	#	85
37) Benzo(b)fluoranthene	23.367	252	24330	0.403	ng		99
38) Benzo(k)fluoranthene	23.420	252	23501	0.379	ng		99
39) Benzo(a)pyrene	24.039	252	21307	0.378	ng		100
40) Dibenzo(a,h)anthracene	26.858	278	17968	0.362	ng		99
41) Benzo(g,h,i)perylene	27.665	276	21781	0.379	ng		99

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

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