Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072723\
Data File : BN026768.D
Acq On : 27 Jul 2023 17:05
Operator : MA/JU
Sample : PB154434BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154434BS

Quant Time: Jul 27 18:37:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 18:29:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	1482	0.400	ng	0.00
7) Naphthalene-d8	10.639	136	3661	0.400	ng	# 0.00
13) Acenaphthene-d10	14.459	164	2271	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	5007	0.400	ng	# 0.00
29) Chrysene-d12	21.426	240	4517	0.400	ng	# 0.00
35) Perylene-d12	23.803	264	4464	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	1511m	0.420	ng	-0.02
5) Phenol-d6	7.069	99	1573m	0.343	ng	0.00
8) Nitrobenzene-d5	9.070	82	1100	0.351	ng	0.00
11) 2-Methylnaphthalene-d10	12.241	152	4802	0.897	ng	0.00
14) 2,4,6-Tribromophenol	16.003	330	415	0.502	ng	0.01
15) 2-Fluorobiphenyl	13.101	172	3507	0.400	ng	0.00
27) Fluoranthene-d10	19.258	212	5904	0.557	ng	0.00
31) Terphenyl-d14	19.853	244	4602	0.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	683	0.436	ng	# 81
3) n-Nitrosodimethylamine	3.653	42	2376	1.496	ng	# 1
6) bis(2-Chloroethyl)ether	7.322	93	1235m	0.327	ng	
9) Naphthalene	10.682	128	3857	0.389	ng	# 89
10) Hexachlorobutadiene	10.938	225	1204	0.629	ng	# 100
12) 2-Methylnaphthalene	12.313	142	2291	0.329	ng	# 89
16) Acenaphthylene	14.192	152	4653	0.437	ng	99
17) Acenaphthene	14.523	154	2601	0.378	ng	97
18) Fluorene	15.519	166	3385	0.378	ng	100
20) 4,6-Dinitro-2-methylph...	16.152	198	7	0.068	ng	# 39
21) 4-Bromophenyl-phenylether	16.413	248	1378m	0.482	ng	
22) Hexachlorobenzene	16.524	284	1334	0.466	ng	94
23) Atrazine	16.711	200	722	0.294	ng	# 75
24) Pentachlorophenol	16.909	266	1090	0.808	ng	93
25) Phenanthrene	17.257	178	5198	0.354	ng	98
26) Anthracene	17.368	178	4567	0.346	ng	98
28) Fluoranthene	19.286	202	7250	0.471	ng	# 93
30) Pyrene	19.648	202	7364	0.294	ng	100
32) Benzo(a)anthracene	21.417	228	5472	0.337	ng	98
33) Chrysene	21.462	228	6801	0.375	ng	97
34) Bis(2-ethylhexyl)phtha...	21.310	149	4319	0.298	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.282	276	6523	0.356	ng	# 79
37) Benzo(b)fluoranthene	23.084	252	5852	0.361	ng	# 82
38) Benzo(k)fluoranthene	23.133	252	6350	0.363	ng	# 79
39) Benzo(a)pyrene	23.709	252	5714	0.360	ng	# 69
40) Dibenzo(a,h)anthracene	26.291	278	4917	0.343	ng	# 65
41) Benzo(g,h,i)perylene	27.022	276	6328	0.378	ng	# 86

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

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