Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080723\
Data File : BN026834.D
Acq On : 07 Aug 2023 17:07
Operator : MA/JU
Sample : 03909-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP-100-20230803

Quant Time: Aug 08 00:50:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	9068	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	24153	0.400	ng		-0.01
13) Acenaphthene-d10	14.737	164	13728	0.400	ng		-0.01
19) Phenanthrene-d10	17.480	188	29160	0.400	ng		-0.01
29) Chrysene-d12	21.659	240	22671	0.400	ng		#-0.02
35) Perylene-d12	24.215	264	23749	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	3045	0.133	ng		0.00
5) Phenol-d6	7.235	99	1940	0.065	ng		0.00
8) Nitrobenzene-d5	9.294	82	4646	0.325	ng		-0.01
11) 2-Methylnaphthalene-d10	12.513	152	11886	0.343	ng		-0.01
14) 2,4,6-Tribromophenol	16.226	330	1728	0.370	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	20687	0.369	ng		-0.01
27) Fluoranthene-d10	19.504	212	25149	0.359	ng		0.00
31) Terphenyl-d14	20.094	244	23540	0.498	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	48640	4.595	ng		95
6) bis(2-Chloroethyl)ether	7.539	93	858	0.032	ng		98
16) Acenaphthylene	14.469	152	2656	0.039	ng		98
17) Acenaphthene	14.801	154	1312	0.031	ng		98
18) Fluorene	15.779	166	2887	0.052	ng		97
25) Phenanthrene	17.530	178	7259	0.082	ng		99
26) Anthracene	17.617	178	6121	0.077	ng	#	95
28) Fluoranthene	19.532	202	9755	0.099	ng		99
30) Pyrene	19.899	202	10065	0.103	ng		99
32) Benzo(a)anthracene	21.641	228	9511	0.122	ng		97
33) Chrysene	21.703	228	9327	0.108	ng		98
34) Bis(2-ethylhexyl)phtha...	21.542	149	4700	0.182	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.916	276	10554	0.109	ng		97
37) Benzo(b)fluoranthene	23.425	252	10075	0.108	ng	#	89
38) Benzo(k)fluoranthene	23.478	252	9745	0.102	ng	#	87
39) Benzo(a)pyrene	24.104	252	8218	0.096	ng	#	85
40) Dibenzo(a,h)anthracene	26.951	278	8434	0.112	ng		92
41) Benzo(g,h,i)perylene	27.758	276	8336	0.094	ng		92

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

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