Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012624\
Data File : BN029395.D
Acq On : 26 Jan 2024 15:34
Operator : MA/JU
Sample : PB158622BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158622BS

Quant Time: Jan 26 16:11:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 01:42:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	3844	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	11577	0.400	ng	0.00
13) Acenaphthene-d10	14.543	164	6106	0.400	ng	-0.01
19) Phenanthrene-d10	17.305	188	13818	0.400	ng	0.00
29) Chrysene-d12	21.510	240	12545	0.400	ng	# 0.00
35) Perylene-d12	23.908	264	12472	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	3633	0.346	ng	0.00
5) Phenol-d6	7.067	99	5085	0.360	ng	0.00
8) Nitrobenzene-d5	9.067	82	3946	0.324	ng	-0.01
11) 2-Methylnaphthalene-d10	12.299	152	6116	0.331	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	847	0.315	ng	-0.01
15) 2-Fluorobiphenyl	13.175	172	9378	0.332	ng	0.00
27) Fluoranthene-d10	19.341	212	12820	0.322	ng	0.00
31) Terphenyl-d14	19.949	244	10114	0.324	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	1743	0.336	ng	99
3) n-Nitrosodimethylamine	3.716	42	1723	0.342	ng	# 98
6) bis(2-Chloroethyl)ether	7.342	93	4601	0.350	ng	99
9) Naphthalene	10.754	128	12448	0.338	ng	99
10) Hexachlorobutadiene	11.032	225	2283	0.339	ng	# 99
12) 2-Methylnaphthalene	12.374	142	7741	0.327	ng	99
16) Acenaphthylene	14.265	152	10211	0.316	ng	100
17) Acenaphthene	14.607	154	7061	0.327	ng	99
18) Fluorene	15.592	166	9290	0.324	ng	99
20) 4,6-Dinitro-2-methylph...	15.679	198	604	0.324	ng	94
21) 4-Bromophenyl-phenylether	16.498	248	2987	0.318	ng	97
22) Hexachlorobenzene	16.597	284	3541	0.329	ng	99
23) Atrazine	16.771	200	2120	0.301	ng	98
24) Pentachlorophenol	16.945	266	1195	0.358	ng	98
25) Phenanthrene	17.342	178	15245	0.324	ng	99
26) Anthracene	17.429	178	13145	0.317	ng	99
28) Fluoranthene	19.373	202	17840	0.323	ng	100
30) Pyrene	19.735	202	18321	0.322	ng	100
32) Benzo(a)anthracene	21.492	228	15923	0.312	ng	99
33) Chrysene	21.546	228	17456	0.329	ng	99
34) Bis(2-ethylhexyl)phtha...	21.447	149	9119	0.291	ng	99
36) Indeno(1,2,3-cd)pyrene	26.387	276	15920	0.295	ng	100
37) Benzo(b)fluoranthene	23.180	252	16676	0.316	ng	100
38) Benzo(k)fluoranthene	23.230	252	16626	0.324	ng	99
39) Benzo(a)pyrene	23.803	252	12947	0.304	ng	100
40) Dibenzo(a,h)anthracene	26.417	278	12864	0.296	ng	99
41) Benzo(g,h,i)perylene	27.145	276	14012	0.297	ng	99

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

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