Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030769.D
Acq On : 08 Apr 2024 15:19
Operator : MA/JU
Sample : P2001-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-846-G3-SO-13-040424MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 08 16:18:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	4983	0.400	ng	-0.01
7) Naphthalene-d8	10.464	136	15769	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	10427	0.400	ng	-0.01
19) Phenanthrene-d10	17.077	188	25877	0.400	ng	-0.01
29) Chrysene-d12	21.267	240	24346	0.400	ng	#-0.02
35) Perylene-d12	23.507	264	21584	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	3913	0.361	ng	-0.01
5) Phenol-d6	6.859	99	5057	0.363	ng	-0.01
8) Nitrobenzene-d5	8.841	82	3183	0.287	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	10468m	0.434	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1263	0.321	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	10617	0.263	ng	-0.02
27) Fluoranthene-d10	19.107	212	22954	0.329	ng	-0.02
31) Terphenyl-d14	19.716	244	16361	0.291	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	2900	0.482	ng	# 67
3) n-Nitrosodimethylamine	3.529	42	1920	0.330	ng	# 99
6) bis(2-Chloroethyl)ether	7.119	93	4505	0.327	ng	98
9) Naphthalene	10.517	128	14305	0.327	ng	99
10) Hexachlorobutadiene	10.795	225	2720	0.305	ng	# 99
12) 2-Methylnaphthalene	12.134	142	9985	0.348	ng	98
16) Acenaphthylene	14.038	152	15345	0.325	ng	99
17) Acenaphthene	14.391	154	10061	0.308	ng	99
18) Fluorene	15.375	166	14095	0.331	ng	100
20) 4,6-Dinitro-2-methylph...	15.460	198	743	0.358	ng	# 48
21) 4-Bromophenyl-phenylether	16.271	248	5053	0.323	ng	# 79
22) Hexachlorobenzene	16.370	284	5800	0.311	ng	98
23) Atrazine	16.544	200	3857	0.339	ng	96
24) Pentachlorophenol	16.718	266	2484	0.494	ng	98
25) Phenanthrene	17.115	178	25572	0.333	ng	100
26) Anthracene	17.202	178	22109	0.343	ng	99
28) Fluoranthene	19.140	202	32207	0.353	ng	99
30) Pyrene	19.502	202	34451	0.362	ng	100
32) Benzo(a)anthracene	21.249	228	32128	0.373	ng	100
33) Chrysene	21.303	228	32445	0.351	ng	99
34) Bis(2-ethylhexyl)phtha...	21.186	149	23716	0.634	ng	98
36) Indeno(1,2,3-cd)pyrene	25.767	276	29099	0.304	ng	99
37) Benzo(b)fluoranthene	22.831	252	31638m	0.360	ng	
38) Benzo(k)fluoranthene	22.878	252	31602	0.359	ng	97
39) Benzo(a)pyrene	23.407	252	26641	0.379	ng	# 94
40) Dibenzo(a,h)anthracene	25.781	278	22834	0.301	ng	99
41) Benzo(g,h,i)perylene	26.451	276	22938	0.282	ng	99

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

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