Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
Data File : BN023149.D
Acq On : 13 Dec 2022 01:21
Operator : CG/JU
Sample : PB149552BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 13 05:47:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB149552BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :mohammad ahmed 12/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	9239	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	27460	0.400	ng	#	0.00
13) Acenaphthene-d10	14.655	164	14415	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	30692	0.400	ng	#	0.00
29) Chrysene-d12	21.589	240	24673	0.400	ng		0.00
35) Perylene-d12	24.044	264	21077	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.550	112	6917	0.402	ng		0.00
5) Phenol-d6	7.168	99	8721	0.399	ng		0.00
8) Nitrobenzene-d5	9.174	82	7055	0.390	ng		-0.01
11) 2-Methylnaphthalene-d10	12.420	152	14933	0.321	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	2021	0.386	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	22816	0.396	ng		0.00
27) Fluoranthene-d10	19.431	212	28084	0.391	ng		0.00
31) Terphenyl-d14	20.022	244	14687	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	3497m	0.384	ng		
3) n-Nitrosodimethylamine	3.730	42	3587	0.401	ng	#	95
6) bis(2-Chloroethyl)ether	7.435	93	10029	0.404	ng		98
9) Naphthalene	10.882	128	27380	0.391	ng		99
10) Hexachlorobutadiene	11.171	225	5450	0.409	ng	#	99
12) 2-Methylnaphthalene	12.110	142	4183	0.402	ng		98
16) Acenaphthylene	14.378	152	21317	0.367	ng		100
17) Acenaphthene	14.720	154	16243	0.381	ng		99
18) Fluorene	15.703	166	18919	0.396	ng		100
20) 4,6-Dinitro-2-methylph...	15.776	198	1072	0.409	ng		90
21) 4-Bromophenyl-phenylether	16.595	248	6532	0.399	ng	#	82
22) Hexachlorobenzene	16.707	284	8447	0.394	ng		99
23) Atrazine	16.856	200	4015	0.348	ng	#	91
24) Pentachlorophenol	17.054	266	2098	0.282	ng		99
25) Phenanthrene	17.439	178	34572	0.378	ng		100
26) Anthracene	17.538	178	26458	0.363	ng		99
28) Fluoranthene	19.460	202	36365	0.371	ng		99
30) Pyrene	19.823	202	35831	0.397	ng		100
32) Benzo(a)anthracene	21.571	228	30915	0.389	ng		100
33) Chrysene	21.625	228	36368	0.407	ng		99
34) Bis(2-ethylhexyl)phtha...	21.491	149	12223	0.364	ng		100
36) Indeno(1,2,3-cd)pyrene	26.611	276	38915	0.412	ng		97
37) Benzo(b)fluoranthene	23.290	252	34782m	0.398	ng		
38) Benzo(k)fluoranthene	23.340	252	33124	0.373	ng		100
39) Benzo(a)pyrene	23.933	252	27913	0.426	ng	#	87
40) Dibenzo(a,h)anthracene	26.629	278	29960	0.395	ng		97
41) Benzo(g,h,i)perylene	27.401	276	29009	0.358	ng		99

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

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