Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027679.D
Acq On : 14 Sep 2023 14:30
Operator : MA/JU
Sample : PB155483BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Sep 14 16:23:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB155483BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6057	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	15808	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	6745	0.400	ng	-0.01
19) Phenanthrene-d10	17.405	188	13178	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	9123	0.400	ng	0.00
35) Perylene-d12	24.089	264	7913	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	5115	0.324	ng	0.00
5) Phenol-d6	7.178	99	5641	0.294	ng	0.00
8) Nitrobenzene-d5	9.219	82	4943	0.429	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	9274m	0.399	ng	-0.01
14) 2,4,6-Tribromophenol	16.152	330	684	0.274	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11259	0.439	ng	-0.01
27) Fluoranthene-d10	19.430	212	10860	0.332	ng	0.00
31) Terphenyl-d14	20.015	244	8172	0.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	2190	0.296	ng	# 54
3) n-Nitrosodimethylamine	3.805	42	2876	0.367	ng	93
6) bis(2-Chloroethyl)ether	7.459	93	6543	0.352	ng	97
9) Naphthalene	10.895	128	15642	0.363	ng	99
10) Hexachlorobutadiene	11.120	225	2987	0.371	ng	# 99
12) 2-Methylnaphthalene	12.494	142	9131	0.298	ng	98
16) Acenaphthylene	14.384	152	10790	0.351	ng	99
17) Acenaphthene	14.715	154	7482	0.365	ng	99
18) Fluorene	15.693	166	9533	0.349	ng	99
20) 4,6-Dinitro-2-methylph...	16.859	198	75	0.400	ng	# 73
21) 4-Bromophenyl-phenylether	16.586	248	2611	0.376	ng	# 84
22) Hexachlorobenzene	16.673	284	3242	0.393	ng	99
23) Atrazine	16.859	200	1710	0.329	ng	99
24) Pentachlorophenol	17.033	266	9432	2.974	ng	100
25) Phenanthrene	17.443	178	14295	0.369	ng	100
26) Anthracene	17.542	178	11282	0.343	ng	100
28) Fluoranthene	19.458	202	14353	0.315	ng	100
30) Pyrene	19.825	202	14462	0.399	ng	99
32) Benzo(a)anthracene	21.569	228	11155	0.357	ng	99
33) Chrysene	21.623	228	12995	0.378	ng	98
34) Bis(2-ethylhexyl)phtha...	21.444	149	4783	0.317	ng	98
36) Indeno(1,2,3-cd)pyrene	26.729	276	12209	0.380	ng	99
37) Benzo(b)fluoranthene	23.311	252	11800	0.385	ng	93
38) Benzo(k)fluoranthene	23.367	252	11858m	0.377	ng	
39) Benzo(a)pyrene	23.981	252	9077	0.317	ng	# 86
40) Dibenzo(a,h)anthracene	26.756	278	9737	0.387	ng	96
41) Benzo(g,h,i)perylene	27.545	276	11548	0.396	ng	97

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

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