Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080223\
Data File : BN026797.D
Acq On : 02 Aug 2023 16:53
Operator : MA/JU
Sample : PB154557BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 02 17:24:33 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

Instrument :
BNA_N
ClientSampleId :
PB154557BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	7443	0.400	ng	0.00
7) Naphthalene-d8	10.949	136	21074	0.400	ng	0.00
13) Acenaphthene-d10	14.747	164	11754	0.400	ng	0.00
19) Phenanthrene-d10	17.492	188	29847	0.400	ng	0.00
29) Chrysene-d12	21.668	240	28598	0.400	ng	# 0.00
35) Perylene-d12	24.227	264	33630	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.625	112	8094	0.429	ng	0.00
5) Phenol-d6	7.243	99	9152	0.375	ng	0.00
8) Nitrobenzene-d5	9.305	82	5462	0.438	ng	0.00
11) 2-Methylnaphthalene-d10	12.521	152	10866	0.360	ng	0.00
14) 2,4,6-Tribromophenol	16.226	330	2712	0.678	ng	0.00
15) 2-Fluorobiphenyl	13.379	172	15870	0.331	ng	0.00
27) Fluoranthene-d10	19.509	212	30038	0.419	ng	0.00
31) Terphenyl-d14	20.099	244	22047	0.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.480	88	3144	0.362	ng	97
3) n-Nitrosodimethylamine	3.819	42	3302	0.341	ng	81
6) bis(2-Chloroethyl)ether	7.546	93	8045	0.366	ng	98
9) Naphthalene	11.002	128	21120	0.364	ng	99
10) Hexachlorobutadiene	11.237	225	4001	0.381	ng	# 100
12) 2-Methylnaphthalene	12.593	142	14144	0.358	ng	99
16) Acenaphthylene	14.470	152	22632	0.390	ng	99
17) Acenaphthene	14.812	154	12614	0.346	ng	94
18) Fluorene	15.792	166	18538	0.391	ng	100
20) 4,6-Dinitro-2-methylph...	16.934	198	188	0.389	ng	# 54
21) 4-Bromophenyl-phenylether	16.673	248	6101	0.338	ng	# 72
22) Hexachlorobenzene	16.760	284	6840	0.332	ng	97
23) Atrazine	16.934	200	6000	0.504	ng	# 91
24) Pentachlorophenol	17.120	266	3534	0.667	ng	99
25) Phenanthrene	17.530	178	35413	0.391	ng	100
26) Anthracene	17.629	178	32205	0.398	ng	100
28) Fluoranthene	19.542	202	41650	0.413	ng	100
30) Pyrene	19.904	202	45272	0.366	ng	98
32) Benzo(a)anthracene	21.650	228	40651	0.414	ng	96
33) Chrysene	21.704	228	40085	0.369	ng	96
34) Bis(2-ethylhexyl)phtha...	21.551	149	33408	1.027	ng	# 92
36) Indeno(1,2,3-cd)pyrene	26.937	276	50757	0.370	ng	98
37) Benzo(b)fluoranthene	23.431	252	41396m	0.313	ng	
38) Benzo(k)fluoranthene	23.490	252	41054	0.302	ng	# 93
39) Benzo(a)pyrene	24.113	252	40860	0.339	ng	# 93
40) Dibenzo(a,h)anthracene	26.975	278	40708	0.382	ng	95
41) Benzo(g,h,i)perylene	27.779	276	42209	0.335	ng	96

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

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