Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
Data File : BN024290.D
Acq On : 15 Mar 2023 13:04
Operator : CG/JU
Sample : PB151326BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB151326BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

Quant Time: Mar 16 01:17:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 16 01:06:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8863	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	25318	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	12014	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	24666	0.400	ng	0.00
29) Chrysene-d12	21.610	240	17306	0.400	ng	# 0.00
35) Perylene-d12	24.123	264	12839	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	4779	0.244	ng	0.00
5) Phenol-d6	7.195	99	5870	0.233	ng	0.00
8) Nitrobenzene-d5	9.201	82	4085	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	9263m	0.298	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	984	0.160	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	10807	0.238	ng	0.00
27) Fluoranthene-d10	19.450	212	12126	0.232	ng	0.00
31) Terphenyl-d14	20.043	244	6277	0.215	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	2867	0.297	ng	# 59
3) n-Nitrosodimethylamine	3.757	42	5318	0.376	ng	# 94
6) bis(2-Chloroethyl)ether	7.455	93	9348	0.374	ng	97
9) Naphthalene	10.909	128	22249	0.346	ng	99
10) Hexachlorobutadiene	11.197	225	4257	0.349	ng	# 100
12) 2-Methylnaphthalene	12.516	142	13647	0.314	ng	99
16) Acenaphthylene	14.397	152	18625	0.327	ng	99
17) Acenaphthene	14.739	154	12174	0.336	ng	97
18) Fluorene	15.712	166	14028	0.324	ng	99
20) 4,6-Dinitro-2-methylph...	15.787	198	741	0.339	ng	94
21) 4-Bromophenyl-phenylether	16.606	248	4446	0.303	ng	# 76
22) Hexachlorobenzene	16.730	284	6295	0.350	ng	97
23) Atrazine	16.867	200	2968	0.319	ng	# 90
24) Pentachlorophenol	17.065	266	3495	0.448	ng	98
25) Phenanthrene	17.462	178	24463	0.335	ng	100
26) Anthracene	17.549	178	20798	0.308	ng	100
28) Fluoranthene	19.480	202	24584	0.307	ng	99
30) Pyrene	19.838	202	24810	0.354	ng	100
32) Benzo(a)anthracene	21.592	228	19404	0.336	ng	98
33) Chrysene	21.655	228	21141	0.343	ng	99
34) Bis(2-ethylhexyl)phtha...	21.511	149	8694	0.320	ng	98
36) Indeno(1,2,3-cd)pyrene	26.749	276	16347	0.340	ng	97
37) Benzo(b)fluoranthene	23.351	252	18253	0.366	ng	96
38) Benzo(k)fluoranthene	23.404	252	18855m	0.366	ng	
39) Benzo(a)pyrene	24.009	252	14010	0.306	ng	# 93
40) Dibenzo(a,h)anthracene	26.772	278	11899	0.319	ng	94
41) Benzo(g,h,i)perylene	27.564	276	15246	0.351	ng	96

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

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