Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
Data File : BN033329.D
Acq On : 09 Aug 2024 22:33
Operator : MA/JU
Sample : P3512-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 10 01:10:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	4573	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	13254	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	7837	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	19551	0.400	ng	#-0.01
29) Chrysene-d12	21.166	240	19358	0.400	ng	#-0.01
35) Perylene-d12	23.352	264	21956	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.211	112	2611	0.217	ng	0.00
5) Phenol-d6	6.756	99	3718	0.226	ng	0.00
8) Nitrobenzene-d5	8.715	82	1913	0.237	ng	0.00
11) 2-Methylnaphthalene-d10	11.943	152	6047m	0.293	ng	-0.01
14) 2,4,6-Tribromophenol	15.704	330	623	0.196	ng	-0.01
15) 2-Fluorobiphenyl	12.833	172	6175	0.209	ng	0.00
27) Fluoranthene-d10	19.002	212	11261	0.209	ng	0.00
31) Terphenyl-d14	19.625	244	7887	0.236	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	1748	0.345	ng	# 36
3) n-Nitrosodimethylamine	3.485	42	2621	0.407	ng	# 90
6) bis(2-Chloroethyl)ether	7.016	93	5610	0.399	ng	98
9) Naphthalene	10.391	128	14701	0.395	ng	98
10) Hexachlorobutadiene	10.701	225	2613	0.382	ng	# 99
12) 2-Methylnaphthalene	12.019	142	10160	0.396	ng	100
16) Acenaphthylene	13.934	152	15935	0.417	ng	99
17) Acenaphthene	14.276	154	10756	0.443	ng	98
18) Fluorene	15.271	166	14021	0.432	ng	99
20) 4,6-Dinitro-2-methylph...	15.345	198	634	0.454	ng	# 48
21) 4-Bromophenyl-phenylether	16.176	248	4427	0.373	ng	# 73
22) Hexachlorobenzene	16.275	284	4821	0.387	ng	98
23) Atrazine	16.449	200	3303	0.337	ng	97
24) Pentachlorophenol	16.623	266	850	0.195	ng	99
25) Phenanthrene	17.008	178	45158	0.798	ng	100
26) Anthracene	17.095	178	27174	0.494	ng	99
28) Fluoranthene	19.035	202	101654	1.425	ng	100
30) Pyrene	19.397	202	91935	1.207	ng	97
32) Benzo(a)anthracene	21.157	228	63308	0.842	ng	99
33) Chrysene	21.201	228	67380	0.926	ng	98
34) Bis(2-ethylhexyl)phtha...	21.130	149	12969	0.333	ng	100
36) Indeno(1,2,3-cd)pyrene	25.530	276	60537	0.630	ng	97
37) Benzo(b)fluoranthene	22.706	252	84068	1.030	ng	99
38) Benzo(k)fluoranthene	22.747	252	55995m	0.707	ng	
39) Benzo(a)pyrene	23.258	252	65003	0.896	ng	100
40) Dibenzo(a,h)anthracene	25.550	278	32613	0.430	ng	99
41) Benzo(g,h,i)perylene	26.185	276	53905	0.653	ng	99

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

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