Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
Data File : BN033473.D
Acq On : 17 Aug 2024 18:09
Operator : MA/JU
Sample : P3580-01MS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0-0.5-081224MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 17 23:32:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.559	152	8934	0.400	ng		-0.01
7) Naphthalene-d8	10.314	136	22867	0.400	ng		-0.02
13) Acenaphthene-d10	14.189	164	10176	0.400	ng		-0.01
19) Phenanthrene-d10	16.942	188	18852	0.400	ng		#-0.01
29) Chrysene-d12	21.148	240	16879	0.400	ng		0.00
35) Perylene-d12	23.317	264	19559	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.190	112	4860	0.197	ng		0.00
5) Phenol-d6	6.743	99	5316	0.159	ng		0.00
8) Nitrobenzene-d5	8.691	82	3596	0.208	ng		-0.01
11) 2-Methylnaphthalene-d10	11.915	152	7820	0.222	ng		-0.02
14) 2,4,6-Tribromophenol	15.688	330	759	0.145	ng		-0.01
15) 2-Fluorobiphenyl	12.809	172	7555	0.181	ng		-0.01
27) Fluoranthene-d10	18.979	212	7700	0.153	ng		-0.01
31) Terphenyl-d14	19.597	244	5379	0.169	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	3340	0.336	ng	#	62
3) n-Nitrosodimethylamine	3.479	42	4079	0.319	ng		86
6) bis(2-Chloroethyl)ether	6.996	93	9278	0.344	ng		97
9) Naphthalene	10.368	128	32896	0.522	ng		100
10) Hexachlorobutadiene	10.667	225	4195	0.349	ng	#	100
12) 2-Methylnaphthalene	11.990	142	17835	0.419	ng		99
16) Acenaphthylene	13.911	152	18600	0.392	ng		99
17) Acenaphthene	14.253	154	35765	1.097	ng		98
18) Fluorene	15.247	166	42256	0.983	ng		99
20) 4,6-Dinitro-2-methylph...	15.322	198	722	0.316	ng	#	43
21) 4-Bromophenyl-phenylether	16.147	248	4134	0.366	ng	#	81
22) Hexachlorobenzene	16.259	284	4456	0.352	ng		98
23) Atrazine	16.420	200	3256	0.364	ng	#	90
24) Pentachlorophenol	16.594	266	3368	0.659	ng		99
25) Phenanthrene	16.979	178	453096	8.320	ng		100
26) Anthracene	17.066	178	81734	1.696	ng	#	94
28) Fluoranthene	19.012	202	650332	9.700	ng		100
30) Pyrene	19.374	202	525169	7.815	ng	#	95
32) Benzo(a)anthracene	21.130	228	247481	3.925	ng		99
33) Chrysene	21.184	228	277879m	4.378	ng		
34) Bis(2-ethylhexyl)phtha...	21.094	149	16472	0.575	ng		99
36) Indeno(1,2,3-cd)pyrene	25.472	276	193289	2.392	ng		94
37) Benzo(b)fluoranthene	22.674	252	363115	4.933	ng		98
38) Benzo(k)fluoranthene	22.712	252	152363m	2.028	ng		
39) Benzo(a)pyrene	23.224	252	252894	4.079	ng		97
40) Dibenzo(a,h)anthracene	25.490	278	58227	0.912	ng		100
41) Benzo(g,h,i)perylene	26.130	276	188206	2.659	ng		99

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

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