Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
Data File : BN034472.D
Acq On : 08 Oct 2024 15:35
Operator : RC/JU
Sample : P4226-03MS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT172S1-20240924MS

Quant Time: Oct 08 16:16:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	5294	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	14512	0.400	ng	#-0.01
13) Acenaphthene-d10	14.030	164	7851	0.400	ng	-0.02
19) Phenanthrene-d10	16.783	188	14865	0.400	ng	#-0.02
29) Chrysene-d12	21.017	240	13132	0.400	ng	# 0.00
35) Perylene-d12	23.124	264	15491	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	2360	0.157	ng	0.00
5) Phenol-d6	6.585	99	1337	0.077	ng	-0.01
8) Nitrobenzene-d5	8.525	82	3684	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	11.735	152	8472	0.395	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	1467	0.412	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	10170	0.318	ng	-0.02
27) Fluoranthene-d10	18.834	212	17319	0.462	ng	-0.01
31) Terphenyl-d14	19.456	244	12231	0.466	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	10345	1.563	ng	# 92
3) n-Nitrosodimethylamine	3.335	42	959	0.127	ng	# 73
6) bis(2-Chloroethyl)ether	6.824	93	5538	0.358	ng	93
9) Naphthalene	10.180	128	14725	0.370	ng	100
10) Hexachlorobutadiene	10.468	225	2876	0.383	ng	# 99
12) 2-Methylnaphthalene	11.810	142	9534	0.368	ng	99
16) Acenaphthylene	13.741	152	13088	0.389	ng	99
17) Acenaphthene	14.094	154	9198	0.382	ng	97
18) Fluorene	15.088	166	11231	0.355	ng	99
20) 4,6-Dinitro-2-methylph...	16.287	198	97	0.173	ng	# 1
21) 4-Bromophenyl-phenylether	15.989	248	3518	0.421	ng	# 75
22) Hexachlorobenzene	16.101	284	4637	0.495	ng	# 88
23) Atrazine	16.287	200	2884	0.416	ng	97
24) Pentachlorophenol	16.448	266	3792	1.224	ng	99
25) Phenanthrene	16.833	178	18092	0.424	ng	100
26) Anthracene	16.920	178	15388	0.442	ng	99
28) Fluoranthene	18.862	202	22280	0.451	ng	99
30) Pyrene	19.229	202	24188	0.436	ng	100
32) Benzo(a)anthracene	21.008	228	5151	0.124	ng	98
33) Chrysene	21.053	228	22741	0.459	ng	99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1211	0.070	ng	# 75
36) Indeno(1,2,3-cd)pyrene	25.186	276	28779	0.434	ng	96
37) Benzo(b)fluoranthene	22.505	252	24078	0.397	ng	98
38) Benzo(k)fluoranthene	22.546	252	26411	0.415	ng	# 96
39) Benzo(a)pyrene	23.034	252	22396	0.453	ng	97
40) Dibenzo(a,h)anthracene	25.203	278	21851	0.424	ng	98
41) Benzo(g,h,i)perylene	25.814	276	23231	0.401	ng	97

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

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