Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
Data File : BN034473.D
Acq On : 08 Oct 2024 16:11
Operator : RC/JU
Sample : P4226-04MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT172S1-20240924MSD

Quant Time: Oct 08 16:41:31 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	5087	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	14006	0.400	ng	#-0.01
13) Acenaphthene-d10	14.030	164	7679	0.400	ng	-0.02
19) Phenanthrene-d10	16.784	188	14426	0.400	ng	#-0.02
29) Chrysene-d12	21.017	240	12630	0.400	ng	# 0.00
35) Perylene-d12	23.128	264	15104	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.026	112	2102	0.146	ng	0.00
5) Phenol-d6	6.593	99	1162	0.069	ng	0.00
8) Nitrobenzene-d5	8.525	82	3295	0.308	ng	-0.01
11) 2-Methylnaphthalene-d10	11.735	152	7642	0.369	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	1341	0.385	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	9253	0.296	ng	-0.02
27) Fluoranthene-d10	18.834	212	15874	0.436	ng	-0.01
31) Terphenyl-d14	19.457	244	11251	0.446	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	9620	1.513	ng	# 92
3) n-Nitrosodimethylamine	3.336	42	815	0.113	ng	# 62
6) bis(2-Chloroethyl)ether	6.824	93	4891	0.329	ng	92
9) Naphthalene	10.180	128	13393	0.348	ng	99
10) Hexachlorobutadiene	10.468	225	2627	0.363	ng	# 100
12) 2-Methylnaphthalene	11.810	142	8637	0.345	ng	99
16) Acenaphthylene	13.741	152	11986	0.365	ng	99
17) Acenaphthene	14.094	154	8507	0.361	ng	97
18) Fluorene	15.088	166	10314	0.333	ng	99
20) 4,6-Dinitro-2-methylph...	16.287	198	83	0.169	ng	# 1
21) 4-Bromophenyl-phenylether	15.989	248	3236	0.399	ng	# 79
22) Hexachlorobenzene	16.101	284	4293	0.472	ng	# 89
23) Atrazine	16.287	200	2653	0.395	ng	97
24) Pentachlorophenol	16.449	266	3426	1.139	ng	98
25) Phenanthrene	16.833	178	16621	0.401	ng	100
26) Anthracene	16.920	178	13954	0.413	ng	100
28) Fluoranthene	18.867	202	20401	0.425	ng	99
30) Pyrene	19.229	202	22081	0.414	ng	100
32) Benzo(a)anthracene	21.008	228	4564	0.114	ng	98
33) Chrysene	21.053	228	20933	0.439	ng	98
34) Bis(2-ethylhexyl)phtha...	21.008	149	1679	0.101	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.189	276	26165	0.404	ng	95
37) Benzo(b)fluoranthene	22.505	252	21840	0.369	ng	97
38) Benzo(k)fluoranthene	22.546	252	23831	0.384	ng	95
39) Benzo(a)pyrene	23.034	252	20581	0.427	ng	97
40) Dibenzo(a,h)anthracene	25.209	278	19845	0.395	ng	97
41) Benzo(g,h,i)perylene	25.814	276	21379	0.379	ng	96

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

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