Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031464.D
Acq On : 10 May 2024 15:38
Operator : MA/JU
Sample : PB160529BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160529BS

Quant Time: May 10 16:03:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	11511	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	37297	0.400	ng	# 0.00
13) Acenaphthene-d10	14.349	164	22203	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	49511	0.400	ng	# 0.00
29) Chrysene-d12	21.274	240	43435	0.400	ng	# 0.00
35) Perylene-d12	23.513	264	45669	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	10999	0.336	ng	0.00
5) Phenol-d6	6.866	99	14948	0.339	ng	0.00
8) Nitrobenzene-d5	8.862	82	9991	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	20905	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.837	330	2743	0.326	ng	0.00
15) 2-Fluorobiphenyl	12.970	172	30952	0.362	ng	-0.01
27) Fluoranthene-d10	19.119	212	46541	0.339	ng	0.00
31) Terphenyl-d14	19.727	244	34808	0.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	4878	0.344	ng	# 88
3) n-Nitrosodimethylamine	3.551	42	4970	0.355	ng	# 94
6) bis(2-Chloroethyl)ether	7.141	93	13650	0.356	ng	99
9) Naphthalene	10.539	128	37033	0.357	ng	97
10) Hexachlorobutadiene	10.838	225	6476	0.356	ng	# 99
12) 2-Methylnaphthalene	12.160	142	24847	0.351	ng	99
16) Acenaphthylene	14.060	152	37649	0.337	ng	100
17) Acenaphthene	14.403	154	24473	0.351	ng	98
18) Fluorene	15.397	166	31842	0.349	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	1267	0.313	ng	# 70
21) 4-Bromophenyl-phenylether	16.296	248	10256	0.354	ng	# 85
22) Hexachlorobenzene	16.383	284	11026	0.377	ng	99
23) Atrazine	16.557	200	7927	0.301	ng	# 93
24) Pentachlorophenol	16.731	266	3243	0.314	ng	97
25) Phenanthrene	17.128	178	49254	0.355	ng	100
26) Anthracene	17.215	178	45644	0.333	ng	100
28) Fluoranthene	19.147	202	59073	0.351	ng	100
30) Pyrene	19.509	202	61092	0.347	ng	100
32) Benzo(a)anthracene	21.256	228	55511	0.331	ng	99
33) Chrysene	21.310	228	54562	0.342	ng	99
34) Bis(2-ethylhexyl)phtha...	21.211	149	23785	0.242	ng	99
36) Indeno(1,2,3-cd)pyrene	25.788	276	56590	0.311	ng	99
37) Benzo(b)fluoranthene	22.841	252	57483	0.351	ng	100
38) Benzo(k)fluoranthene	22.885	252	56345	0.363	ng	100
39) Benzo(a)pyrene	23.414	252	48207	0.338	ng	100
40) Dibenzo(a,h)anthracene	25.811	278	45757	0.317	ng	98
41) Benzo(g,h,i)perylene	26.475	276	47651	0.307	ng	98

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

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