Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033787.D
Acq On : 06 Sep 2024 17:55
Operator : MA/JU
Sample : IDOC-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Quant Time: Sep 06 18:21:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	4406	0.400	ng	0.00
7) Naphthalene-d8	10.271	136	11375	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	5189	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	10000	0.400	ng	0.00
29) Chrysene-d12	21.112	240	7497	0.400	ng	0.00
35) Perylene-d12	23.268	264	7770	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	4220	0.313	ng	0.00
5) Phenol-d6	6.707	99	4879	0.306	ng	0.00
8) Nitrobenzene-d5	8.649	82	3608	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	11.869	152	7572	0.471	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	741	0.283	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	8559	0.396	ng	0.00
27) Fluoranthene-d10	18.942	212	9257	0.375	ng	0.00
31) Terphenyl-d14	19.560	244	6388	0.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	1672	0.334	ng	# 39
3) n-Nitrosodimethylamine	3.457	42	2423	0.412	ng	93
6) bis(2-Chloroethyl)ether	6.953	93	4707	0.391	ng	97
9) Naphthalene	10.314	128	11741	0.386	ng	99
10) Hexachlorobutadiene	10.613	225	2429	0.384	ng	# 100
12) 2-Methylnaphthalene	11.945	142	7329	0.393	ng	99
16) Acenaphthylene	13.868	152	8991	0.401	ng	100
17) Acenaphthene	14.210	154	6202	0.403	ng	99
18) Fluorene	15.204	166	7393	0.390	ng	100
20) 4,6-Dinitro-2-methylph...	15.290	198	593	0.376	ng	# 73
21) 4-Bromophenyl-phenylether	16.110	248	2229	0.385	ng	96
22) Hexachlorobenzene	16.209	284	2619	0.394	ng	97
23) Atrazine	16.383	200	1740	0.376	ng	# 86
24) Pentachlorophenol	16.557	266	1497	0.551	ng	96
25) Phenanthrene	16.942	178	11115	0.403	ng	99
26) Anthracene	17.028	178	9581	0.400	ng	100
28) Fluoranthene	18.975	202	11716	0.379	ng	99
30) Pyrene	19.337	202	12111	0.401	ng	100
32) Benzo(a)anthracene	21.094	228	10641	0.398	ng	98
33) Chrysene	21.148	228	11359	0.429	ng	99
34) Bis(2-ethylhexyl)phtha...	21.059	149	5535	0.379	ng	100
36) Indeno(1,2,3-cd)pyrene	25.399	276	13902	0.433	ng	98
37) Benzo(b)fluoranthene	22.627	252	11396	0.399	ng	99
38) Benzo(k)fluoranthene	22.671	252	12137	0.436	ng	99
39) Benzo(a)pyrene	23.171	252	10110	0.424	ng	98
40) Dibenzo(a,h)anthracene	25.414	278	11031	0.429	ng	98
41) Benzo(g,h,i)perylene	26.045	276	10952	0.392	ng	99

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

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