Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035071.D
Acq On : 13 Nov 2024 18:03
Operator : RC/JU
Sample : PB164785BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164785BS

Quant Time: Nov 14 02:06:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 17:18:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	2135	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	5031	0.400	ng	0.00
13) Acenaphthene-d10	14.186	164	3550	0.400	ng	0.00
19) Phenanthrene-d10	16.939	188	9574	0.400	ng	0.00
29) Chrysene-d12	21.140	240	9856	0.400	ng	# 0.00
35) Perylene-d12	23.304	264	10124	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1835	0.339	ng	0.00
5) Phenol-d6	6.737	99	2286	0.336	ng	0.00
8) Nitrobenzene-d5	8.696	82	1574	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	11.912	152	3949	0.440	ng	0.00
14) 2,4,6-Tribromophenol	15.686	330	749	0.292	ng	0.00
15) 2-Fluorobiphenyl	12.807	172	5331	0.370	ng	0.00
27) Fluoranthene-d10	18.976	212	10606	0.362	ng	0.00
31) Terphenyl-d14	19.584	244	8396	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	641	0.331	ng	# 63
3) n-Nitrosodimethylamine	3.466	42	646	0.357	ng	# 89
6) bis(2-Chloroethyl)ether	6.990	93	1861	0.365	ng	100
9) Naphthalene	10.362	128	4767	0.363	ng	99
10) Hexachlorobutadiene	10.661	225	1410	0.366	ng	# 100
12) 2-Methylnaphthalene	11.988	142	3402	0.351	ng	98
16) Acenaphthylene	13.908	152	5574	0.367	ng	99
17) Acenaphthene	14.250	154	3556	0.358	ng	99
18) Fluorene	15.245	166	5198	0.355	ng	100
20) 4,6-Dinitro-2-methylph...	15.330	198	652	0.327	ng	# 88
21) 4-Bromophenyl-phenylether	16.145	248	2176	0.357	ng	99
22) Hexachlorobenzene	16.244	284	2204	0.348	ng	99
23) Atrazine	16.418	200	1955	0.357	ng	99
24) Pentachlorophenol	16.592	266	1586	0.536	ng	99
25) Phenanthrene	16.977	178	9514	0.378	ng	100
26) Anthracene	17.064	178	8859	0.383	ng	99
28) Fluoranthene	19.004	202	12433	0.359	ng	100
30) Pyrene	19.366	202	12859	0.392	ng	100
32) Benzo(a)anthracene	21.122	228	12519	0.365	ng	99
33) Chrysene	21.176	228	13127	0.386	ng	99
34) Bis(2-ethylhexyl)phtha...	21.077	149	5394	0.300	ng	100
36) Indeno(1,2,3-cd)pyrene	25.453	276	15283	0.378	ng	100
37) Benzo(b)fluoranthene	22.657	252	13282	0.390	ng	97
38) Benzo(k)fluoranthene	22.701	252	13024	0.382	ng	98
39) Benzo(a)pyrene	23.207	252	11853	0.395	ng	98
40) Dibenzo(a,h)anthracene	25.470	278	12176	0.381	ng	97
41) Benzo(g,h,i)perylene	26.104	276	12020	0.353	ng	99

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

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