Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112024\
Data File : BN035210.D
Acq On : 20 Nov 2024 23:37
Operator : RC/JU
Sample : PB165012BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165012BS

Quant Time: Nov 21 00:09:06 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 20 23:40:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	2775	0.400	ng	0.00
7) Naphthalene-d8	10.297	136	6254	0.400	ng	# 0.00
13) Acenaphthene-d10	14.176	164	3590	0.400	ng	0.00
19) Phenanthrene-d10	16.927	188	6822	0.400	ng	# 0.00
29) Chrysene-d12	21.149	240	6160	0.400	ng	# 0.00
35) Perylene-d12	23.318	264	7019	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	2245	0.319	ng	0.00
5) Phenol-d6	6.723	99	2719	0.308	ng	0.00
8) Nitrobenzene-d5	8.675	82	1937	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	11.897	152	4770	0.428	ng	0.00
14) 2,4,6-Tribromophenol	15.686	330	518	0.200	ng	0.01
15) 2-Fluorobiphenyl	12.796	172	5998	0.411	ng	0.00
27) Fluoranthene-d10	18.976	212	6793	0.325	ng	0.00
31) Terphenyl-d14	19.589	244	5199	0.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	845	0.335	ng	# 63
3) n-Nitrosodimethylamine	3.465	42	796	0.339	ng	# 79
6) bis(2-Chloroethyl)ether	6.975	93	2462	0.371	ng	99
9) Naphthalene	10.351	128	6039	0.370	ng	100
10) Hexachlorobutadiene	10.639	225	1793	0.375	ng	# 99
12) 2-Methylnaphthalene	11.973	142	4164	0.346	ng	99
16) Acenaphthylene	13.887	152	5794	0.378	ng	99
17) Acenaphthene	14.240	154	3689	0.367	ng	99
18) Fluorene	15.234	166	4713	0.319	ng	100
20) 4,6-Dinitro-2-methylph...	15.330	198	218	0.154	ng	# 44
21) 4-Bromophenyl-phenylether	16.132	248	1706	0.393	ng	# 82
22) Hexachlorobenzene	16.244	284	1861	0.413	ng	99
23) Atrazine	16.418	200	1218	0.312	ng	97
24) Pentachlorophenol	16.592	266	1206	0.572	ng	97
25) Phenanthrene	16.977	178	6932	0.386	ng	100
26) Anthracene	17.063	178	6508	0.395	ng	100
28) Fluoranthene	19.003	202	7856	0.318	ng	99
30) Pyrene	19.370	202	8069	0.393	ng	100
32) Benzo(a)anthracene	21.131	228	8205	0.383	ng	99
33) Chrysene	21.185	228	8682	0.409	ng	100
34) Bis(2-ethylhexyl)phtha...	21.086	149	3377	0.300	ng	100
36) Indeno(1,2,3-cd)pyrene	25.473	276	11641	0.416	ng	99
37) Benzo(b)fluoranthene	22.672	252	9281	0.393	ng	# 92
38) Benzo(k)fluoranthene	22.716	252	9628	0.407	ng	# 94
39) Benzo(a)pyrene	23.225	252	8648	0.416	ng	# 92
40) Dibenzo(a,h)anthracene	25.493	278	9174	0.414	ng	# 92
41) Benzo(g,h,i)perylene	26.128	276	9290	0.394	ng	98

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

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