Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
Data File : BN034853.D
Acq On : 04 Nov 2024 23:21
Operator : RC/JU
Sample : PB164511BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164511BSD

Quant Time: Nov 05 00:12:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	6841	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	20343	0.400	ng	# 0.00
13) Acenaphthene-d10	14.222	164	9830	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	18690	0.400	ng	0.00
29) Chrysene-d12	21.160	240	9814	0.400	ng	# 0.00
35) Perylene-d12	23.335	264	7135	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	6846	0.330	ng	0.00
5) Phenol-d6	6.773	99	9291	0.345	ng	0.00
8) Nitrobenzene-d5	8.728	82	5751	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	12710	0.432	ng	0.00
14) 2,4,6-Tribromophenol	15.716	330	885	0.182	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	14930	0.386	ng	0.00
27) Fluoranthene-d10	19.001	212	14499	0.331	ng	0.00
31) Terphenyl-d14	19.614	244	8606	0.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.198	88	2453	0.327	ng	# 40
3) n-Nitrosodimethylamine	3.494	42	3893	0.461	ng	# 85
6) bis(2-Chloroethyl)ether	7.026	93	8000	0.407	ng	95
9) Naphthalene	10.404	128	20735	0.369	ng	99
10) Hexachlorobutadiene	10.703	225	3255	0.351	ng	# 98
12) 2-Methylnaphthalene	12.026	142	12912	0.351	ng	99
16) Acenaphthylene	13.933	152	17472	0.354	ng	100
17) Acenaphthene	14.286	154	11658	0.355	ng	95
18) Fluorene	15.270	166	14247	0.348	ng	99
20) 4,6-Dinitro-2-methylph...	15.355	198	541	0.331	ng	# 83
21) 4-Bromophenyl-phenylether	16.175	248	3696	0.342	ng	93
22) Hexachlorobenzene	16.275	284	4609	0.381	ng	94
23) Atrazine	16.448	200	2599	0.279	ng	98
24) Pentachlorophenol	16.622	266	1665	0.319	ng	98
25) Phenanthrene	17.007	178	21632	0.394	ng	99
26) Anthracene	17.094	178	19075	0.371	ng	100
28) Fluoranthene	19.034	202	20559	0.339	ng	99
30) Pyrene	19.396	202	20656	0.403	ng	100
32) Benzo(a)anthracene	21.142	228	14497	0.371	ng	100
33) Chrysene	21.196	228	15707	0.411	ng	100
34) Bis(2-ethylhexyl)phtha...	21.107	149	7725	0.236	ng	97
36) Indeno(1,2,3-cd)pyrene	25.504	276	11454	0.436	ng	94
37) Benzo(b)fluoranthene	22.689	252	12554	0.437	ng	# 96
38) Benzo(k)fluoranthene	22.730	252	12552	0.448	ng	96
39) Benzo(a)pyrene	23.241	252	9977	0.421	ng	# 92
40) Dibenzo(a,h)anthracene	25.522	278	8691	0.425	ng	98
41) Benzo(g,h,i)perylene	26.159	276	9347	0.423	ng	94

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

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