Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032258.D
Acq On : 26 Jun 2024 02:55
Operator : MA/JU
Sample : PB161693BSD
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161693BSD

Quant Time: Jun 26 04:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.631	152	8379	0.400	ng		-0.01
7) Naphthalene-d8	10.410	136	24037	0.400	ng		-0.01
13) Acenaphthene-d10	14.274	164	13924	0.400	ng		-0.01
19) Phenanthrene-d10	17.028	188	29090	0.400	ng		0.00
29) Chrysene-d12	21.229	240	26811	0.400	ng		# 0.00
35) Perylene-d12	23.452	264	29741	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	8460	0.355	ng		0.00
5) Phenol-d6	6.823	99	9717	0.311	ng		0.00
8) Nitrobenzene-d5	8.787	82	6914	0.346	ng		-0.01
11) 2-Methylnaphthalene-d10	12.005	152	12849	0.336	ng		-0.02
14) 2,4,6-Tribromophenol	15.775	330	2302	0.345	ng		-0.01
15) 2-Fluorobiphenyl	12.895	172	19412	0.368	ng		-0.01
27) Fluoranthene-d10	19.063	212	28267	0.357	ng		0.00
31) Terphenyl-d14	19.667	244	21347	0.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	3717	0.362	ng		96
3) n-Nitrosodimethylamine	3.508	42	3259	0.334	ng		99
6) bis(2-Chloroethyl)ether	7.068	93	7582	0.282	ng		95
9) Naphthalene	10.453	128	23634	0.365	ng		99
10) Hexachlorobutadiene	10.731	225	4756	0.420	ng	#	100
12) 2-Methylnaphthalene	12.077	142	15138	0.342	ng		99
16) Acenaphthylene	13.985	152	21171	0.330	ng		100
17) Acenaphthene	14.327	154	14594	0.353	ng		100
18) Fluorene	15.322	166	18627	0.337	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	868	0.316	ng	#	41
21) 4-Bromophenyl-phenylether	16.222	248	6091	0.369	ng		98
22) Hexachlorobenzene	16.333	284	6989	0.409	ng		97
23) Atrazine	16.495	200	4751	0.314	ng		97
24) Pentachlorophenol	16.693	266	2413	0.392	ng		99
25) Phenanthrene	17.066	178	29638	0.367	ng		100
26) Anthracene	17.165	178	26272	0.351	ng		100
28) Fluoranthene	19.096	202	36142	0.369	ng		99
30) Pyrene	19.458	202	37761	0.354	ng		100
32) Benzo(a)anthracene	21.211	228	36002	0.356	ng		100
33) Chrysene	21.265	228	35325	0.370	ng		99
34) Bis(2-ethylhexyl)phtha...	21.130	149	22170	0.322	ng		100
36) Indeno(1,2,3-cd)pyrene	25.697	276	45769	0.413	ng		99
37) Benzo(b)fluoranthene	22.779	252	39467	0.364	ng		99
38) Benzo(k)fluoranthene	22.826	252	40449	0.395	ng		96
39) Benzo(a)pyrene	23.355	252	34874	0.373	ng		97
40) Dibenzo(a,h)anthracene	25.706	278	36612	0.419	ng		100
41) Benzo(g,h,i)perylene	26.390	276	38424	0.409	ng		99

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

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