Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
Data File : BN030459.D
Acq On : 21 Mar 2024 23:17
Operator : MA/JU
Sample : PB159724BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159724BS

Quant Time: Mar 22 00:17:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 00:01:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	10314	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	27510	0.400	ng		0.00
13) Acenaphthene-d10	14.361	164	14287	0.400	ng		0.00
19) Phenanthrene-d10	17.107	188	31313	0.400	ng		0.00
29) Chrysene-d12	21.304	240	21432	0.400	ng		0.00
35) Perylene-d12	23.560	264	19182	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	8893	0.349	ng		0.00
5) Phenol-d6	6.887	99	11516	0.346	ng		0.00
8) Nitrobenzene-d5	8.875	82	7923	0.374	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	15064	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.853	330	1553	0.299	ng		0.00
15) 2-Fluorobiphenyl	12.982	172	23529	0.381	ng		-0.01
27) Fluoranthene-d10	19.146	212	28228	0.361	ng		0.00
31) Terphenyl-d14	19.754	244	18201	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	4837	0.363	ng		96
3) n-Nitrosodimethylamine	3.564	42	4721	0.368	ng	#	99
6) bis(2-Chloroethyl)ether	7.154	93	11974	0.375	ng		100
9) Naphthalene	10.562	128	30482	0.383	ng		99
10) Hexachlorobutadiene	10.851	225	5837	0.394	ng	#	98
12) 2-Methylnaphthalene	12.178	142	19240	0.378	ng		99
16) Acenaphthylene	14.084	152	25472	0.347	ng		100
17) Acenaphthene	14.426	154	18374	0.374	ng		100
18) Fluorene	15.420	166	24654	0.376	ng		98
20) 4,6-Dinitro-2-methylph...	15.484	198	907	0.403	ng		99
21) 4-Bromophenyl-phenylether	16.312	248	7570	0.374	ng		94
22) Hexachlorobenzene	16.411	284	9382	0.383	ng		99
23) Atrazine	16.585	200	4965	0.340	ng		98
24) Pentachlorophenol	16.759	266	1984	0.387	ng		98
25) Phenanthrene	17.144	178	37387	0.373	ng		100
26) Anthracene	17.243	178	31275	0.354	ng		100
28) Fluoranthene	19.173	202	40732	0.359	ng		100
30) Pyrene	19.540	202	40960	0.382	ng		100
32) Benzo(a)anthracene	21.286	228	30224	0.348	ng		98
33) Chrysene	21.340	228	35276	0.383	ng		100
34) Bis(2-ethylhexyl)phtha...	21.241	149	11681	0.318	ng		99
36) Indeno(1,2,3-cd)pyrene	25.844	276	27705	0.357	ng		97
37) Benzo(b)fluoranthene	22.879	252	30501	0.362	ng		99
38) Benzo(k)fluoranthene	22.929	252	31308	0.373	ng		99
39) Benzo(a)pyrene	23.458	252	22530	0.346	ng		99
40) Dibenzo(a,h)anthracene	25.867	278	22254	0.357	ng		98
41) Benzo(g,h,i)perylene	26.534	276	25206	0.367	ng		99

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

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