Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029319.D
Acq On : 20 Jan 2024 00:19
Operator : MA/JU
Sample : PB158451BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Quant Time: Jan 20 02:04:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3327	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	9162	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	5028	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	12441	0.400	ng	0.00
29) Chrysene-d12	21.528	240	10101	0.400	ng	# 0.00
35) Perylene-d12	23.934	264	9167	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.514	112	3071	0.372	ng	0.00
5) Phenol-d6	7.103	99	4075	0.372	ng	0.00
8) Nitrobenzene-d5	9.099	82	2418	0.285	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	5555	0.355	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	645	0.418	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	7139	0.305	ng	0.00
27) Fluoranthene-d10	19.359	212	9968	0.264	ng	0.00
31) Terphenyl-d14	19.968	244	7970	0.315	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	1273	0.313	ng	# 35
3) n-Nitrosodimethylamine	3.745	42	1143	0.283	ng	# 95
6) bis(2-Chloroethyl)ether	7.378	93	3019	0.294	ng	99
9) Naphthalene	10.786	128	7804	0.274	ng	99
10) Hexachlorobutadiene	11.064	225	1655	0.268	ng	# 100
12) 2-Methylnaphthalene	12.404	142	4940	0.258	ng	98
16) Acenaphthylene	14.297	152	7524	0.294	ng	100
17) Acenaphthene	14.639	154	4755	0.274	ng	99
18) Fluorene	15.617	166	6727	0.283	ng	99
20) 4,6-Dinitro-2-methylph...	15.704	198	421	0.336	ng	# 82
21) 4-Bromophenyl-phenylether	16.523	248	2142	0.324	ng	99
22) Hexachlorobenzene	16.622	284	2839	0.262	ng	98
23) Atrazine	16.796	200	1597	0.261	ng	98
24) Pentachlorophenol	16.970	266	1308	0.391	ng	96
25) Phenanthrene	17.367	178	11395	0.274	ng	99
26) Anthracene	17.454	178	9709	0.267	ng	99
28) Fluoranthene	19.392	202	12511	0.246	ng	99
30) Pyrene	19.754	202	12572	0.295	ng	100
32) Benzo(a)anthracene	21.510	228	10921	0.280	ng	100
33) Chrysene	21.564	228	11775	0.283	ng	99
34) Bis(2-ethylhexyl)phtha...	21.456	149	4824	0.274	ng	100
36) Indeno(1,2,3-cd)pyrene	26.428	276	11464	0.280	ng	99
37) Benzo(b)fluoranthene	23.201	252	11284	0.292	ng	97
38) Benzo(k)fluoranthene	23.250	252	10368	0.276	ng	96
39) Benzo(a)pyrene	23.826	252	8541	0.275	ng	# 94
40) Dibenzo(a,h)anthracene	26.461	278	9160	0.277	ng	96
41) Benzo(g,h,i)perylene	27.191	276	9767	0.280	ng	97

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

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