Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029299.D
Acq On : 19 Jan 2024 11:40
Operator : MA/JU
Sample : PB158451BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158451BSD

Quant Time: Jan 19 12:08:47 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	3469	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	9416	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	5102	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	12644	0.400	ng	0.00
29) Chrysene-d12	21.528	240	9995	0.400	ng	# 0.00
35) Perylene-d12	23.938	264	8740	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	3339	0.388	ng	0.00
5) Phenol-d6	7.103	99	4417	0.387	ng	0.00
8) Nitrobenzene-d5	9.100	82	2679	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	5979	0.372	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	692	0.442	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	7728	0.325	ng	0.00
27) Fluoranthene-d10	19.364	212	10601	0.276	ng	0.00
31) Terphenyl-d14	19.968	244	8515	0.340	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.413	88	970	0.229	ng	# 35
3) n-Nitrosodimethylamine	3.745	42	1240	0.294	ng	# 92
6) bis(2-Chloroethyl)ether	7.378	93	3247	0.303	ng	99
9) Naphthalene	10.786	128	8400	0.287	ng	99
10) Hexachlorobutadiene	11.075	225	1815	0.286	ng	# 100
12) 2-Methylnaphthalene	12.405	142	5366	0.272	ng	99
16) Acenaphthylene	14.297	152	8112	0.313	ng	99
17) Acenaphthene	14.639	154	5128	0.291	ng	99
18) Fluorene	15.617	166	7075	0.294	ng	99
20) 4,6-Dinitro-2-methylph...	15.704	198	444	0.343	ng	88
21) 4-Bromophenyl-phenylether	16.523	248	2161	0.321	ng	97
22) Hexachlorobenzene	16.622	284	3082	0.280	ng	98
23) Atrazine	16.796	200	1717	0.276	ng	97
24) Pentachlorophenol	16.970	266	1618	0.476	ng	96
25) Phenanthrene	17.367	178	12065	0.286	ng	99
26) Anthracene	17.454	178	10215	0.277	ng	100
28) Fluoranthene	19.392	202	13227	0.255	ng	99
30) Pyrene	19.754	202	13200	0.313	ng	100
32) Benzo(a)anthracene	21.510	228	11183	0.290	ng	99
33) Chrysene	21.564	228	12220	0.297	ng	99
34) Bis(2-ethylhexyl)phtha...	21.465	149	4873	0.280	ng	100
36) Indeno(1,2,3-cd)pyrene	26.431	276	11623	0.297	ng	99
37) Benzo(b)fluoranthene	23.204	252	11329	0.308	ng	97
38) Benzo(k)fluoranthene	23.253	252	10598	0.296	ng	96
39) Benzo(a)pyrene	23.826	252	8655	0.292	ng	97
40) Dibenzo(a,h)anthracene	26.464	278	9321	0.295	ng	96
41) Benzo(g,h,i)perylene	27.197	276	9981	0.300	ng	98

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

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