Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029320.D
Acq On : 20 Jan 2024 00:55
Operator : MA/JU
Sample : PB158451BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158451BSD

Quant Time: Jan 20 02:04:54 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	3225	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	8876	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	4930	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	12081	0.400	ng	0.00
29) Chrysene-d12	21.528	240	9786	0.400	ng	# 0.00
35) Perylene-d12	23.935	264	8720	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.514	112	3156	0.395	ng	0.00
5) Phenol-d6	7.103	99	4204	0.396	ng	0.00
8) Nitrobenzene-d5	9.100	82	2510	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	5713	0.377	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	672	0.444	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	7325	0.319	ng	0.00
27) Fluoranthene-d10	19.359	212	10127	0.276	ng	0.00
31) Terphenyl-d14	19.968	244	8203	0.334	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	1330	0.338	ng	# 41
3) n-Nitrosodimethylamine	3.738	42	1294	0.330	ng	# 94
6) bis(2-Chloroethyl)ether	7.378	93	3073	0.309	ng	99
9) Naphthalene	10.786	128	8019	0.290	ng	99
10) Hexachlorobutadiene	11.064	225	1687	0.282	ng	# 100
12) 2-Methylnaphthalene	12.405	142	5098	0.275	ng	99
16) Acenaphthylene	14.297	152	7717	0.308	ng	99
17) Acenaphthene	14.639	154	4852	0.285	ng	98
18) Fluorene	15.617	166	6897	0.296	ng	100
20) 4,6-Dinitro-2-methylph...	15.704	198	425	0.343	ng	# 85
21) 4-Bromophenyl-phenylether	16.523	248	2095	0.326	ng	99
22) Hexachlorobenzene	16.622	284	2936	0.279	ng	98
23) Atrazine	16.796	200	1650	0.278	ng	99
24) Pentachlorophenol	16.970	266	1303	0.402	ng	93
25) Phenanthrene	17.367	178	11673	0.289	ng	100
26) Anthracene	17.454	178	9869	0.280	ng	100
28) Fluoranthene	19.392	202	12806	0.259	ng	99
30) Pyrene	19.754	202	12908	0.312	ng	100
32) Benzo(a)anthracene	21.510	228	11161	0.296	ng	100
33) Chrysene	21.564	228	11975	0.297	ng	100
34) Bis(2-ethylhexyl)phtha...	21.456	149	4911	0.288	ng	100
36) Indeno(1,2,3-cd)pyrene	26.429	276	11598	0.297	ng	98
37) Benzo(b)fluoranthene	23.201	252	11262	0.307	ng	97
38) Benzo(k)fluoranthene	23.250	252	10800	0.303	ng	96
39) Benzo(a)pyrene	23.826	252	8548	0.289	ng	95
40) Dibenzo(a,h)anthracene	26.461	278	9326	0.296	ng	95
41) Benzo(g,h,i)perylene	27.192	276	9970	0.300	ng	97

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

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