Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN029005.D
Acq On : 03 Dec 2023 04:24
Operator : MA/JU
Sample : PB157456BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157456BS

Quant Time: Dec 03 08:18:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1859	0.400	ng	-0.01
7) Naphthalene-d8	10.562	136	5059	0.400	ng	#-0.02
13) Acenaphthene-d10	14.407	164	3119	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	7085	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	5792	0.400	ng	#-0.02
35) Perylene-d12	23.675	264	5584	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1910	0.339	ng	-0.01
5) Phenol-d6	6.995	99	2224	0.356	ng	-0.01
8) Nitrobenzene-d5	8.950	82	2101	0.418	ng	-0.02
11) 2-Methylnaphthalene-d10	12.155	152	4109	0.506	ng	-0.02
14) 2,4,6-Tribromophenol	15.905	330	375	0.178	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	5199	0.386	ng	-0.01
27) Fluoranthene-d10	19.190	212	7342	0.394	ng	-0.02
31) Terphenyl-d14	19.799	244	6805	0.408	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	396	0.218	ng	# 1
3) n-Nitrosodimethylamine	3.709	42	781	0.365	ng	# 95
6) bis(2-Chloroethyl)ether	7.233	93	1847	0.352	ng	99
9) Naphthalene	10.616	128	5701	0.355	ng	98
10) Hexachlorobutadiene	10.883	225	1113	0.339	ng	# 100
12) 2-Methylnaphthalene	12.227	142	3689	0.365	ng	96
16) Acenaphthylene	14.129	152	6247	0.378	ng	98
17) Acenaphthene	14.471	154	3691	0.337	ng	98
18) Fluorene	15.455	166	5510	0.397	ng	99
20) 4,6-Dinitro-2-methylph...	15.558	198	400	0.257	ng	# 84
21) 4-Bromophenyl-phenylether	16.352	248	1621	0.333	ng	# 77
22) Hexachlorobenzene	16.451	284	1962	0.328	ng	93
23) Atrazine	16.650	200	1519	0.356	ng	# 93
24) Pentachlorophenol	16.811	266	1126	0.404	ng	94
25) Phenanthrene	17.196	178	8230	0.352	ng	97
26) Anthracene	17.283	178	7518	0.348	ng	99
28) Fluoranthene	19.218	202	9539	0.392	ng	99
30) Pyrene	19.585	202	9788	0.315	ng	99
32) Benzo(a)anthracene	21.338	228	8493	0.345	ng	93
33) Chrysene	21.392	228	8438	0.349	ng	94
34) Bis(2-ethylhexyl)phtha...	21.275	149	6347	0.038	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.055	276	9124	0.375	ng	# 84
37) Benzo(b)fluoranthene	22.971	252	8520	0.373	ng	# 32
38) Benzo(k)fluoranthene	23.015	252	8029	0.373	ng	# 32
39) Benzo(a)pyrene	23.570	252	6838	0.335	ng	# 28
40) Dibenzo(a,h)anthracene	26.079	278	7341	0.390	ng	# 30
41) Benzo(g,h,i)perylene	26.780	276	7588	0.358	ng	# 73

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

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