Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029351.D
Acq On : 23 Jan 2024 17:23
Operator : MA/JU
Sample : P1186-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-278-280

Quant Time: Jan 24 01:08:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 02:16:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	3	0.400	ng	# 0.00
7) Naphthalene-d8	10.712	136	8	0.400	ng	# 0.00
13) Acenaphthene-d10	14.532	164	14	0.400	ng	#-0.02
19) Phenanthrene-d10	17.305	188	11	0.400	ng	# 0.00
29) Chrysene-d12	21.510	240	53	0.400	ng	# 0.00
35) Perylene-d12	23.900	264	2	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.486	112	1582	198.620	ng	0.00
5) Phenol-d6	7.074	99	1366	128.318	ng	0.00
8) Nitrobenzene-d5	9.078	82	2737	322.799	ng	0.00
11) 2-Methylnaphthalene-d10	12.306	152	4317	325.883	ng	0.00
14) 2,4,6-Tribromophenol	16.051	330	728	99.796	ng	0.00
15) 2-Fluorobiphenyl	13.185	172	7021	104.133	ng	0.00
27) Fluoranthene-d10	19.341	212	9220	282.833	ng	0.00
31) Terphenyl-d14	19.949	244	8092	59.575	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	532	136.495	ng	# 1
3) n-Nitrosodimethylamine	3.680	42	141	35.663	ng	# 1
6) bis(2-Chloroethyl)ether	7.356	93	7	0.712	ng	# 37
9) Naphthalene	10.765	128	181	7.040	ng	# 28
10) Hexachlorobutadiene	11.043	225	1	0.185	ng	# 1
12) 2-Methylnaphthalene	12.378	142	69	4.126	ng	# 66
16) Acenaphthylene	14.287	152	18	0.241	ng	# 59
17) Acenaphthene	14.607	154	34	0.678	ng	# 2
18) Fluorene	15.592	166	32	0.470	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.654	198	4	1.974	ng	# 1
21) 4-Bromophenyl-phenylether	16.486	248	2	0.249	ng	# 55
22) Hexachlorobenzene	16.560	284	16	1.614	ng	# 61
23) Atrazine	16.771	200	9	1.532	ng	# 1
24) Pentachlorophenol	16.945	266	11	3.319	ng	# 60
25) Phenanthrene	17.342	178	80	2.121	ng	# 66
26) Anthracene	17.442	178	25	0.749	ng	# 80
28) Fluoranthene	19.368	202	63	1.394	ng	# 1
30) Pyrene	19.731	202	66	0.273	ng	# 84
32) Benzo(a)anthracene	21.492	228	64	0.290	ng	# 1
33) Chrysene	21.546	228	60	0.263	ng	# 13
34) Bis(2-ethylhexyl)phtha...	21.447	149	53394	438.434	ng	99
36) Indeno(1,2,3-cd)pyrene	26.373	276	12	1.404	ng	# 53
37) Benzo(b)fluoranthene	23.169	252	26	3.053	ng	# 1
38) Benzo(k)fluoranthene	23.221	252	14	1.674	ng	# 1
39) Benzo(a)pyrene	23.785	252	5	0.746	ng	# 1
40) Dibenzo(a,h)anthracene	26.405	278	3	0.434	ng	# 1
41) Benzo(g,h,i)perylene	27.142	276	4	0.540	ng	# 1

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

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