Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029092.D
Acq On : 07 Dec 2023 14:13
Operator : MA/JU
Sample : PB157090BSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157090BSD

Quant Time: Dec 07 14:55:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1204	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	2396	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1329	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	3693	0.400	ng	0.00
29) Chrysene-d12	21.347	240	1839	0.400	ng	# 0.00
35) Perylene-d12	23.664	264	214	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1046	0.384	ng	0.00
5) Phenol-d6	6.980	99	1121	0.344	ng	0.00
8) Nitrobenzene-d5	8.939	82	791	0.274	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1346	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	489	0.333	ng	0.00
15) 2-Fluorobiphenyl	13.017	172	2483	0.361	ng	-0.01
27) Fluoranthene-d10	19.181	212	3040	0.262	ng	0.00
31) Terphenyl-d14	19.789	244	1800	0.387	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	270	0.278	ng	# 69
3) n-Nitrosodimethylamine	3.723	42	12088	20.535	ng	# 1
6) bis(2-Chloroethyl)ether	7.219	93	895	0.388	ng	96
9) Naphthalene	10.594	128	2347	0.314	ng	97
10) Hexachlorobutadiene	10.872	225	918	0.278	ng	# 98
12) 2-Methylnaphthalene	12.212	142	1714	0.282	ng	99
16) Acenaphthylene	14.118	152	2003	0.274	ng	98
17) Acenaphthene	14.449	154	1677	0.365	ng	99
18) Fluorene	15.444	166	2739	0.374	ng	98
20) 4,6-Dinitro-2-methylph...	15.533	198	446	0.400	ng	# 87
21) 4-Bromophenyl-phenylether	16.339	248	1138	0.341	ng	# 83
22) Hexachlorobenzene	16.439	284	1259	0.331	ng	95
24) Pentachlorophenol	16.799	266	1849	0.889	ng	96
25) Phenanthrene	17.184	178	4187	0.340	ng	98
26) Anthracene	17.270	178	3473	0.291	ng	98
28) Fluoranthene	19.208	202	4820	0.284	ng	# 98
30) Pyrene	19.571	202	2842	0.249	ng	100
32) Benzo(a)anthracene	21.329	228	3301	0.354	ng	98
33) Chrysene	21.382	228	3694	0.402	ng	99
34) Bis(2-ethylhexyl)phtha...	21.275	149	2808	0.488	ng	97
36) Indeno(1,2,3-cd)pyrene	26.038	276	2485	2.277	ng	# 77
37) Benzo(b)fluoranthene	22.959	252	3448	3.001	ng	# 86
38) Benzo(k)fluoranthene	23.003	252	2739	2.543	ng	# 80
39) Benzo(a)pyrene	23.558	252	1450	1.525	ng	# 47
40) Dibenzo(a,h)anthracene	26.061	278	2507	2.978	ng	# 80
41) Benzo(g,h,i)perylene	26.763	276	2226	2.418	ng	# 86

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

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