Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
Data File : BN029110.D
Acq On : 08 Dec 2023 02:42
Operator : MA/JU
Sample : PB157241BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157241BS

Quant Time: Dec 08 03:44:53 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	1259	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2467	0.400	ng	-0.01
13) Acenaphthene-d10	14.386	164	1440	0.400	ng	-0.01
19) Phenanthrene-d10	17.134	188	3446	0.400	ng	#-0.01
29) Chrysene-d12	21.338	240	1976	0.400	ng	# 0.00
35) Perylene-d12	23.658	264	790	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1041	0.365	ng	0.00
5) Phenol-d6	6.973	99	1162	0.341	ng	0.00
8) Nitrobenzene-d5	8.929	82	806	0.271	ng	-0.01
11) 2-Methylnaphthalene-d10	12.136	152	1353	0.261	ng	-0.01
14) 2,4,6-Tribromophenol	15.893	330	446	0.280	ng	0.00
15) 2-Fluorobiphenyl	13.017	172	2429	0.326	ng	-0.01
27) Fluoranthene-d10	19.176	212	2871	0.265	ng	0.00
31) Terphenyl-d14	19.785	244	1657	0.331	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	275	0.271	ng	# 68
3) n-Nitrosodimethylamine	3.723	42	14301	23.233	ng	# 1
6) bis(2-Chloroethyl)ether	7.219	93	836	0.347	ng	94
9) Naphthalene	10.594	128	2189	0.284	ng	97
10) Hexachlorobutadiene	10.861	225	856	0.252	ng	# 98
12) 2-Methylnaphthalene	12.208	142	1605	0.257	ng	98
16) Acenaphthylene	14.108	152	2151	0.271	ng	97
17) Acenaphthene	14.450	154	1546	0.311	ng	97
18) Fluorene	15.444	166	2419	0.305	ng	98
20) 4,6-Dinitro-2-methylph...	15.533	198	354	0.340	ng	# 88
21) 4-Bromophenyl-phenylether	16.340	248	887	0.285	ng	# 91
22) Hexachlorobenzene	16.427	284	1055	0.298	ng	95
24) Pentachlorophenol	16.787	266	1318	0.679	ng	98
25) Phenanthrene	17.184	178	3499	0.304	ng	99
26) Anthracene	17.271	178	2935	0.264	ng	98
28) Fluoranthene	19.209	202	4139	0.262	ng	# 99
30) Pyrene	19.571	202	3411	0.278	ng	100
32) Benzo(a)anthracene	21.329	228	3134	0.313	ng	98
33) Chrysene	21.383	228	3130	0.317	ng	98
34) Bis(2-ethylhexyl)phtha...	21.266	149	2412	0.390	ng	98
36) Indeno(1,2,3-cd)pyrene	26.029	276	2393	0.594	ng	98
37) Benzo(b)fluoranthene	22.956	252	3053	0.720	ng	# 81
38) Benzo(k)fluoranthene	23.003	252	2486	0.625	ng	# 78
39) Benzo(a)pyrene	23.559	252	1546	0.440	ng	# 58
40) Dibenzo(a,h)anthracene	26.058	278	2196	0.707	ng	# 79
41) Benzo(g,h,i)perylene	26.754	276	1952	0.574	ng	# 83

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

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