Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026732.D
Acq On : 25 Jul 2023 03:39
Operator : MA/JU
Sample : 03611-02
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5A-20230712

Quant Time: Jul 25 04:07:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	5	0.400	ng	# 0.00
7) Naphthalene-d8	10.682	136	37	0.400	ng	# 0.05
13) Acenaphthene-d10	14.501	164	6	0.400	ng	# 0.04
19) Phenanthrene-d10	17.244	188	13	0.400	ng	# 0.02
29) Chrysene-d12	21.417	240	42	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	14	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.408	112	98	8.079	ng	0.00
5) Phenol-d6	7.033	99	151	9.767	ng	0.00
8) Nitrobenzene-d5	9.048	82	780	24.649	ng	0.01
11) 2-Methylnaphthalene-d10	12.222	152	2817	52.071	ng	0.00
14) 2,4,6-Tribromophenol	16.003	330	7	3.207	ng	0.02
15) 2-Fluorobiphenyl	13.090	172	4717	203.631	ng	-0.01
27) Fluoranthene-d10	19.249	212	7164	260.086	ng	0.00
31) Terphenyl-d14	19.839	244	5777	53.747	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	9327	1763.476	ng	# 90
3) n-Nitrosodimethylamine	3.610	42	289	53.939	ng	# 1
6) bis(2-Chloroethyl)ether	7.315	93	56	4.398	ng	# 1
9) Naphthalene	10.703	128	68	0.679	ng	# 1
10) Hexachlorobutadiene	10.981	225	8	0.414	ng	# 51
12) 2-Methylnaphthalene	12.366	142	3	0.043	ng	# 31
16) Acenaphthylene	14.191	152	61	2.168	ng	# 66
17) Acenaphthene	14.534	154	28	1.541	ng	# 1
18) Fluorene	15.519	166	33	1.393	ng	# 72
20) 4,6-Dinitro-2-methylph...	16.164	198	17	9.068	ng	# 1
21) 4-Bromophenyl-phenylether	16.400	248	4	0.539	ng	# 52
22) Hexachlorobenzene	16.574	284	4	0.538	ng	# 1
23) Atrazine	16.698	200	17	2.667	ng	# 1
24) Pentachlorophenol	16.934	266	46	13.131	ng	# 42
25) Phenanthrene	17.269	178	271	7.115	ng	# 84
26) Anthracene	17.381	178	264	7.698	ng	# 1
28) Fluoranthene	19.277	202	288	7.200	ng	# 72
30) Pyrene	19.648	202	319	1.371	ng	96
32) Benzo(a)anthracene	21.426	228	102	0.675	ng	# 1
33) Chrysene	21.462	228	64	0.380	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.300	149	14187	105.204	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.261	276	16	0.278	ng	# 17
37) Benzo(b)fluoranthene	23.078	252	118	2.324	ng	# 1
38) Benzo(k)fluoranthene	23.113	252	39	0.710	ng	# 1
39) Benzo(a)pyrene	23.697	252	18	0.361	ng	# 1
40) Dibenzo(a,h)anthracene	26.267	278	5	0.111	ng	# 1
41) Benzo(g,h,i)perylene	27.010	276	14	0.267	ng	# 1

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

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