Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028928.D
Acq On : 01 Dec 2023 02:22
Operator : MA/JU
Sample : 05253-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
L-1(65FT)(5-10)MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 04:32:12 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 00:28:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	4845	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	14097	0.400	ng	#-0.01
13) Acenaphthene-d10	14.428	164	8150	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	12131	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	4686m	0.400	ng	0.00
35) Perylene-d12	23.705	264	8045m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4254	0.290	ng	-0.01
5) Phenol-d6	7.031	99	4944	0.304	ng	-0.01
8) Nitrobenzene-d5	8.971	82	3518	0.251	ng	-0.01
11) 2-Methylnaphthalene-d10	12.174	152	7335	0.324	ng	-0.01
14) 2,4,6-Tribromophenol	15.918	330	903	0.164	ng	-0.01
15) 2-Fluorobiphenyl	13.060	172	7110	0.202	ng	-0.01
27) Fluoranthene-d10	19.209	212	7579	0.238	ng	0.00
31) Terphenyl-d14	19.817	244	5949	0.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	1619	0.341	ng	# 56
3) n-Nitrosodimethylamine	3.702	42	2241	0.392	ng	# 79
6) bis(2-Chloroethyl)ether	7.255	93	5486	0.401	ng	98
9) Naphthalene	10.637	128	398229	8.890	ng	98
10) Hexachlorobutadiene	10.904	225	2618	0.286	ng	# 99
12) 2-Methylnaphthalene	12.250	142	210745	7.487	ng	98
16) Acenaphthylene	14.150	152	446157	10.334	ng	100
17) Acenaphthene	14.492	154	36813	1.285	ng	# 92
18) Fluorene	15.476	166	180231	4.968	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.570	198	751	0.282	ng	# 1
21) 4-Bromophenyl-phenylether	16.377	248	3058	0.366	ng	# 74
22) Hexachlorobenzene	16.464	284	3256	0.318	ng	# 92
23) Atrazine	16.675	200	2707	0.370	ng	# 82
24) Pentachlorophenol	16.836	266	2070	0.434	ng	91
25) Phenanthrene	17.221	178	1488775	37.169	ng	96
26) Anthracene	17.308	178	417289	11.271	ng	99
28) Fluoranthene	19.241	202	1207532m	28.992	ng	
30) Pyrene	19.604	202	1920483	53.662	ng	99
32) Benzo(a)anthracene	21.356	228	634313	31.837	ng	96
33) Chrysene	21.409	228	590564	30.189	ng	94
34) Bis(2-ethylhexyl)phtha...	21.302	149	10839	0.327	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.105	276	310436m	8.855	ng	
37) Benzo(b)fluoranthene	23.006	252	526795	16.006	ng	# 24
38) Benzo(k)fluoranthene	23.044	252	153696m	4.949	ng	
39) Benzo(a)pyrene	23.602	252	578796	19.689	ng	# 15
40) Dibenzo(a,h)anthracene	26.117	278	101246m	3.732	ng	
41) Benzo(g,h,i)perylene	26.848	276	362560	11.881	ng	# 67

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

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