Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082823\
Data File : BN027213.D
Acq On : 28 Aug 2023 12:29
Operator : MA/JU
Sample : 04024-18MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT149I1-20230815MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 03:23:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 03:21:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	7488	0.400	ng	0.00
7) Naphthalene-d8	10.896	136	18687	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	10565	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	23498	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	18079	0.400	ng	# 0.00
35) Perylene-d12	24.157	264	16331	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	1754	0.083	ng	0.00
5) Phenol-d6	7.214	99	1251	0.048	ng	0.00
8) Nitrobenzene-d5	9.262	82	3331	0.211	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	8521m	0.287	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	903	0.161	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	10668	0.272	ng	0.00
27) Fluoranthene-d10	19.467	212	18245	0.303	ng	0.00
31) Terphenyl-d14	20.053	244	19158	0.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	8212	1.020	ng	# 92
3) n-Nitrosodimethylamine	3.805	42	1044	0.116	ng	# 90
6) bis(2-Chloroethyl)ether	7.503	93	5319	0.243	ng	95
9) Naphthalene	10.949	128	12460	0.253	ng	99
10) Hexachlorobutadiene	11.184	225	2350	0.234	ng	# 99
12) 2-Methylnaphthalene	12.544	142	8390	0.218	ng	99
16) Acenaphthylene	14.427	152	12532	0.249	ng	100
17) Acenaphthene	14.758	154	7794	0.250	ng	96
18) Fluorene	15.742	166	10880	0.260	ng	98
20) 4,6-Dinitro-2-methylph...	16.897	198	119	0.323	ng	# 42
21) 4-Bromophenyl-phenylether	16.636	248	3140	0.234	ng	# 92
22) Hexachlorobenzene	16.711	284	4038	0.282	ng	97
23) Atrazine	16.897	200	2665	0.223	ng	# 95
24) Pentachlorophenol	17.071	266	1923	0.266	ng	99
25) Phenanthrene	17.493	178	20223	0.299	ng	100
26) Anthracene	17.579	178	15984	0.254	ng	100
28) Fluoranthene	19.500	202	25087	0.314	ng	# 96
30) Pyrene	19.862	202	25561	0.367	ng	100
32) Benzo(a)anthracene	21.605	228	20394	0.313	ng	100
33) Chrysene	21.659	228	21824	0.331	ng	100
34) Bis(2-ethylhexyl)phtha...	21.489	149	10063	0.214	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.835	276	18861m	0.282	ng	
37) Benzo(b)fluoranthene	23.370	252	21874	0.400	ng	# 93
38) Benzo(k)fluoranthene	23.423	252	19718	0.351	ng	# 92
39) Benzo(a)pyrene	24.043	252	17565	0.321	ng	# 87
40) Dibenzo(a,h)anthracene	26.861	278	14084	0.265	ng	94
41) Benzo(g,h,i)perylene	27.668	276	16303	0.285	ng	# 94

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

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