Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027204.D
Acq On : 28 Aug 2023 00:20
Operator : MA/JU
Sample : 04051-06MSD
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT180D-20230816MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

Quant Time: Aug 28 01:15:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6452	0.400	ng	-0.01
7) Naphthalene-d8	10.896	136	16815	0.400	ng	#-0.01
13) Acenaphthene-d10	14.694	164	9535	0.400	ng	#-0.01
19) Phenanthrene-d10	17.443	188	21300	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	16272	0.400	ng	0.00
35) Perylene-d12	24.151	264	14177	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	1964	0.108	ng	0.00
5) Phenol-d6	7.214	99	1356	0.060	ng	0.00
8) Nitrobenzene-d5	9.262	82	3571	0.251	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	8384m	0.314	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1079	0.213	ng	-0.01
15) 2-Fluorobiphenyl	13.326	172	11947	0.338	ng	-0.01
27) Fluoranthene-d10	19.467	212	19180	0.351	ng	0.00
31) Terphenyl-d14	20.053	244	14543	0.428	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	2187	0.315	ng	# 75
3) n-Nitrosodimethylamine	3.805	42	1129	0.146	ng	# 95
6) bis(2-Chloroethyl)ether	7.503	93	6936	0.367	ng	95
9) Naphthalene	10.949	128	16186	0.366	ng	100
10) Hexachlorobutadiene	11.184	225	3183	0.352	ng	# 99
12) 2-Methylnaphthalene	12.544	142	10688	0.309	ng	98
16) Acenaphthylene	14.427	152	16882	0.371	ng	99
17) Acenaphthene	14.758	154	10348	0.368	ng	96
18) Fluorene	15.742	166	14373	0.381	ng	99
20) 4,6-Dinitro-2-methylph...	16.897	198	136	0.407	ng	# 44
21) 4-Bromophenyl-phenylether	16.636	248	4220	0.347	ng	# 96
22) Hexachlorobenzene	16.711	284	5426	0.418	ng	95
23) Atrazine	16.897	200	3470	0.321	ng	# 95
24) Pentachlorophenol	17.070	266	2954	0.451	ng	98
25) Phenanthrene	17.493	178	25021	0.409	ng	100
26) Anthracene	17.579	178	20384	0.357	ng	100
28) Fluoranthene	19.495	202	29849	0.412	ng	99
30) Pyrene	19.862	202	30734	0.491	ng	100
32) Benzo(a)anthracene	21.605	228	24213	0.412	ng	99
33) Chrysene	21.659	228	26355	0.445	ng	99
34) Bis(2-ethylhexyl)phtha...	21.480	149	12428	0.294	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.823	276	20060	0.346	ng	# 87
37) Benzo(b)fluoranthene	23.361	252	24149	0.509	ng	# 94
38) Benzo(k)fluoranthene	23.414	252	22515	0.462	ng	# 93
39) Benzo(a)pyrene	24.034	252	17882	0.376	ng	# 88
40) Dibenzo(a,h)anthracene	26.849	278	16331	0.353	ng	# 93
41) Benzo(g,h,i)perylene	27.653	276	18549	0.373	ng	# 95

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

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