Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070522\
Data File : BN020659.D
Acq On : 05 Jul 2022 13:45
Operator : CG/JU
Sample : N3458-09MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622MSD

Quant Time: Jul 06 01:11:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	3937	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	11531	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	5955	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	11802	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	9213	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	7060	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	140	0.013	ng	0.02
5) Phenol-d6	7.067	99	77	0.006	ng	0.04
8) Nitrobenzene-d5	8.993	82	2020	0.216	ng	0.00
11) 2-Methylnaphthalene-d10	12.223	152	5517	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	178	0.079	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	6364	0.259	ng	0.00
27) Fluoranthene-d10	19.265	212	9480	0.270	ng	0.00
31) Terphenyl-d14	19.868	244	6930	0.315	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	13095	2.538	ng	95
3) n-Nitrosodimethylamine	3.615	42	360	0.077	ng	# 61
6) bis(2-Chloroethyl)ether	7.255	93	3686	0.328	ng	98
9) Naphthalene	10.669	128	11233	0.326	ng	99
10) Hexachlorobutadiene	10.968	225	1824	0.291	ng	# 100
12) 2-Methylnaphthalene	12.295	142	6959	0.304	ng	99
16) Acenaphthylene	14.196	152	8896	0.311	ng	99
17) Acenaphthene	14.538	154	6274	0.322	ng	96
18) Fluorene	15.532	166	7740	0.305	ng	100
21) 4-Bromophenyl-phenylether	16.415	248	2284	0.333	ng	93
22) Hexachlorobenzene	16.538	284	2672	0.352	ng	98
23) Atrazine	16.692	200	1399	0.259	ng	97
24) Pentachlorophenol	16.897	266	308	0.310	ng	90
25) Phenanthrene	17.267	178	13805	0.347	ng	100
26) Anthracene	17.359	178	11030	0.321	ng	99
28) Fluoranthene	19.295	202	15733	0.362	ng	100
30) Pyrene	19.657	202	15929	0.408	ng	100
32) Benzo(a)anthracene	21.413	228	11176	0.340	ng	98
33) Chrysene	21.467	228	14060	0.386	ng	98
34) Bis(2-ethylhexyl)phtha...	21.351	149	6433	0.347	ng	97
36) Indeno(1,2,3-cd)pyrene	26.223	276	9731	0.309	ng	99
37) Benzo(b)fluoranthene	23.071	252	11508	0.423	ng	97
38) Benzo(k)fluoranthene	23.118	252	11773	0.407	ng	97
39) Benzo(a)pyrene	23.682	252	9544	0.405	ng	94
40) Dibenzo(a,h)anthracene	26.238	278	8376	0.332	ng	95
41) Benzo(g,h,i)perylene	26.968	276	9372	0.340	ng	99

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

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