Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028954.D
Acq On : 01 Dec 2023 19:24
Operator : MA/JU
Sample : 05357-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT163S1-20231108

Quant Time: Dec 01 23:16:11 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 23:11:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2230	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	6683	0.400	ng	0.00
13) Acenaphthene-d10	14.418	164	4092	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	9175	0.400	ng	0.00
29) Chrysene-d12	21.374	240	7381	0.400	ng	# 0.00
35) Perylene-d12	23.705	264	6713	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	695	0.103	ng	0.00
5) Phenol-d6	7.009	99	428	0.057	ng	0.00
8) Nitrobenzene-d5	8.971	82	1775	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	2849	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	647	0.234	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	6685	0.378	ng	0.00
27) Fluoranthene-d10	19.209	212	8279	0.343	ng	0.00
31) Terphenyl-d14	19.813	244	7443	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	673	0.308	ng	# 76
9) Naphthalene	10.637	128	479	0.023	ng	# 65
12) 2-Methylnaphthalene	12.242	142	433	0.032	ng	# 88
16) Acenaphthylene	14.140	152	1298	0.060	ng	98
17) Acenaphthene	14.482	154	341	0.024	ng	# 95
18) Fluorene	15.476	166	608	0.033	ng	86
22) Hexachlorobenzene	16.464	284	177	0.023	ng	# 89
25) Phenanthrene	17.209	178	893	0.029	ng	# 91
26) Anthracene	17.308	178	712	0.025	ng	# 94
28) Fluoranthene	19.237	202	994	0.032	ng	# 59
30) Pyrene	19.599	202	1056	0.113	ng	# 86
32) Benzo(a)anthracene	21.356	228	1022	0.033	ng	# 38
33) Chrysene	21.410	228	868	0.028	ng	# 60
36) Indeno(1,2,3-cd)pyrene	26.096	276	745	0.025	ng	# 54
37) Benzo(b)fluoranthene	22.994	252	931	0.034	ng	# 78
38) Benzo(k)fluoranthene	23.041	252	694	0.027	ng	# 67
39) Benzo(a)pyrene	23.602	252	530	0.022	ng	# 68
40) Dibenzo(a,h)anthracene	26.123	278	526	0.023	ng	# 32
41) Benzo(g,h,i)perylene	26.836	276	569	0.022	ng	# 40

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

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