Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028357.D
Acq On : 23 Oct 2023 22:37
Operator : MA/JU
Sample : 05003-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-355-375-102023

Quant Time: Oct 24 03:21:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	3542	0.400	ng	0.00
7) Naphthalene-d8	10.714	136	11027	0.400	ng	0.01
13) Acenaphthene-d10	14.534	164	6797	0.400	ng	0.00
19) Phenanthrene-d10	17.294	188	14937	0.400	ng	# 0.00
29) Chrysene-d12	21.488	240	12070	0.400	ng	# 0.00
35) Perylene-d12	23.934	264	11033	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	724	0.066	ng	0.00
5) Phenol-d6	7.098	99	436	0.032	ng	0.04
8) Nitrobenzene-d5	9.123	82	1732	0.177	ng	0.02
11) 2-Methylnaphthalene-d10	12.309	152	3629	0.219	ng	0.02
14) 2,4,6-Tribromophenol	16.065	330	488	0.147	ng	0.00
15) 2-Fluorobiphenyl	13.165	172	4806	0.201	ng	0.00
27) Fluoranthene-d10	19.323	212	9842	0.246	ng	0.00
31) Terphenyl-d14	19.909	244	8397	0.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	425	0.099	ng	# 78
3) n-Nitrosodimethylamine	3.668	42	232	0.050	ng	# 97
6) bis(2-Chloroethyl)ether	7.329	93	1680	0.161	ng	# 65
9) Naphthalene	10.767	128	3277	0.115	ng	# 91
10) Hexachlorobutadiene	10.959	225	442	0.090	ng	# 99
12) 2-Methylnaphthalene	12.381	142	1983	0.098	ng	# 94
16) Acenaphthylene	14.266	152	3004	0.098	ng	99
17) Acenaphthene	14.598	154	2010	0.104	ng	95
18) Fluorene	15.593	166	2833	0.112	ng	98
21) 4-Bromophenyl-phenylether	16.475	248	834	0.108	ng	# 81
22) Hexachlorobenzene	16.561	284	882	0.111	ng	95
23) Atrazine	16.760	200	871	0.121	ng	# 91
24) Pentachlorophenol	16.983	266	437	0.121	ng	94
25) Phenanthrene	17.331	178	5332	0.130	ng	98
26) Anthracene	17.430	178	4266	0.109	ng	98
28) Fluoranthene	19.351	202	6410	0.125	ng	99
30) Pyrene	19.723	202	6652	0.161	ng	100
32) Benzo(a)anthracene	21.471	228	5228	0.122	ng	99
33) Chrysene	21.524	228	5810	0.142	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	4717	0.144	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.516	276	5313	0.119	ng	99
37) Benzo(b)fluoranthene	23.180	252	4890	0.142	ng	# 83
38) Benzo(k)fluoranthene	23.230	252	4680	0.133	ng	# 80
39) Benzo(a)pyrene	23.832	252	4073	0.119	ng	# 64
40) Dibenzo(a,h)anthracene	26.528	278	4344	0.120	ng	# 83
41) Benzo(g,h,i)perylene	27.308	276	4608	0.124	ng	92

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

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