Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023017.D
Acq On : 01 Dec 2022 14:15
Operator : CG/JU
Sample : N5757-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT174I1-20221121MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 01:44:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 01:41:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5481	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	15014	0.400	ng	-0.01
13) Acenaphthene-d10	14.698	164	7241	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	13836	0.400	ng	0.00
29) Chrysene-d12	21.620	240	8486	0.400	ng	# 0.00
35) Perylene-d12	24.107	264	6177	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1282	0.090	ng	0.00
5) Phenol-d6	7.204	99	1262	0.070	ng	0.00
8) Nitrobenzene-d5	9.217	82	3396	0.291	ng	-0.01
11) 2-Methylnaphthalene-d10	12.457	152	6016m	0.185	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	498	0.142	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	10502	0.317	ng	-0.01
27) Fluoranthene-d10	19.469	212	10373	0.276	ng	0.00
31) Terphenyl-d14	20.062	244	8333	0.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	7280	1.047	ng	# 92
3) n-Nitrosodimethylamine	3.774	42	747	0.100	ng	# 97
6) bis(2-Chloroethyl)ether	7.472	93	4997	0.293	ng	98
9) Naphthalene	10.925	128	12867	0.278	ng	99
10) Hexachlorobutadiene	11.213	225	2352	0.248	ng	# 99
12) 2-Methylnaphthalene	12.147	142	1431	0.152	ng	# 87
16) Acenaphthylene	14.410	152	9552m	0.249	ng	
17) Acenaphthene	14.752	154	6920	0.274	ng	97
18) Fluorene	15.739	166	8300	0.257	ng	97
20) 4,6-Dinitro-2-methylph...	15.801	198	223	0.144	ng	# 19
21) 4-Bromophenyl-phenylether	16.632	248	3082	0.309	ng	# 83
22) Hexachlorobenzene	16.744	284	3512	0.288	ng	96
23) Atrazine	16.893	200	2056	0.292	ng	94
24) Pentachlorophenol	17.092	266	170	0.051	ng	99
25) Phenanthrene	17.476	178	15095	0.314	ng	99
26) Anthracene	17.576	178	11787	0.282	ng	99
28) Fluoranthene	19.498	202	16370	0.320	ng	99
30) Pyrene	19.861	202	16367	0.370	ng	100
32) Benzo(a)anthracene	21.602	228	12676	0.370	ng	99
33) Chrysene	21.665	228	14255	0.401	ng	99
34) Bis(2-ethylhexyl)phtha...	21.531	149	5557	0.404	ng	98
36) Indeno(1,2,3-cd)pyrene	26.709	276	10658	0.416	ng	96
37) Benzo(b)fluoranthene	23.344	252	12396	0.450	ng	# 93
38) Benzo(k)fluoranthene	23.394	252	11976	0.401	ng	# 92
39) Benzo(a)pyrene	23.996	252	8433	0.401	ng	# 86
40) Dibenzo(a,h)anthracene	26.727	278	9016	0.443	ng	95
41) Benzo(g,h,i)perylene	27.504	276	9481	0.432	ng	97

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

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