Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016230.D
Acq On : 05 Sep 2021 16:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
9/7/2021 11:40:40 AM

Quant Time: Sep 06 06:23:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	12816	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	66802	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	39812	0.400	ng	0.00
19) Phenanthrene-d10	17.237	188	82672	0.400	ng	#-0.01
29) Chrysene-d12	21.429	240	86914	0.400	ng	0.00
35) Perylene-d12	23.820	264	78046	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	14206	0.393	ng	0.00
5) Phenol-d6	7.052	99	17693	0.383	ng	0.02
8) Nitrobenzene-d5	9.025	82	19917	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	43004	0.404	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	7706	0.434	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	57929	0.386	ng	0.00
27) Fluoranthene-d10	19.276	212	99856	0.402	ng	0.00
31) Terphenyl-d14	19.872	244	84477	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	1535	0.374	ng	# 53
3) n-Nitrosodimethylamine	3.742	42	3869	0.388	ng	# 99
6) bis(2-Chloroethyl)ether	7.301	93	13746	0.411	ng	98
9) Naphthalene	10.711	128	69445	0.393	ng	100
10) Hexachlorobutadiene	11.002	225	14547	0.404	ng	# 99
12) 2-Methylnaphthalene	12.323	142	48227	0.404	ng	99
16) Acenaphthylene	14.218	152	69372	0.388	ng	100
17) Acenaphthene	14.561	154	44587	0.394	ng	100
18) Fluorene	15.550	166	56710	0.399	ng	99
20) 4,6-Dinitro-2-methylph...	15.626	198	1507	0.477	ng	# 78
21) 4-Bromophenyl-phenylether	16.433	248	16731	0.383	ng	92
22) Hexachlorobenzene	16.555	284	19493	0.378	ng	100
23) Atrazine	16.701	200	15886	0.359	ng	96
24) Pentachlorophenol	16.896	266	5136	0.581	ng	98
25) Phenanthrene	17.285	178	90333	0.390	ng	100
26) Anthracene	17.370	178	86076	0.390	ng	100
28) Fluoranthene	19.306	202	110439	0.402	ng	100
30) Pyrene	19.669	202	113879	0.402	ng	100
32) Benzo(a)anthracene	21.419	228	114429	0.392	ng	99
33) Chrysene	21.472	228	110931	0.391	ng	99
34) Bis(2-ethylhexyl)phtha...	21.344	149	74187	0.378	ng	99
36) Indeno(1,2,3-cd)pyrene	26.295	276	78617	0.362	ng	98
37) Benzo(b)fluoranthene	23.091	252	109641m	0.411	ng	
38) Benzo(k)fluoranthene	23.139	252	104734	0.429	ng	97
39) Benzo(a)pyrene	23.714	252	95878	0.405	ng	# 88
40) Dibenzo(a,h)anthracene	26.312	278	65817	0.363	ng	96
41) Benzo(g,h,i)perylene	27.058	276	61980	0.340	ng	99

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

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