Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033060.D
Acq On : 28 Jul 2024 08:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:14:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.532	152	3117	0.400	ng	# 0.00
7) Naphthalene-d8	10.319	136	11264	0.400	ng	# 0.02
13) Acenaphthene-d10	14.165	164	7671	0.400	ng	-0.01
19) Phenanthrene-d10	16.952	188	16580	0.400	ng	0.00
29) Chrysene-d12	21.158	240	13521	0.400	ng	0.00
35) Perylene-d12	23.353	264	13507	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.242	112	3637m	0.461	ng	0.07
5) Phenol-d6	6.896	99	5137m	0.525	ng	0.12
8) Nitrobenzene-d5	8.845	82	3618m	0.427	ng	0.11
11) 2-Methylnaphthalene-d10	11.935	152	6660	0.386	ng	0.02
14) 2,4,6-Tribromophenol	15.735	330	976	0.298	ng	0.01
15) 2-Fluorobiphenyl	12.818	172	10564	0.370	ng	0.00
27) Fluoranthene-d10	18.990	212	16052	0.374	ng	0.00
31) Terphenyl-d14	19.594	244	10107	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1803	0.467	ng	# 87
3) n-Nitrosodimethylamine	3.473	42	1336	0.409	ng	# 88
6) bis(2-Chloroethyl)ether	7.040	93	3243m	0.396	ng	
9) Naphthalene	10.372	128	12185	0.391	ng	98
10) Hexachlorobutadiene	10.564	225	2288	0.384	ng	# 100
12) 2-Methylnaphthalene	12.011	142	7429	0.364	ng	# 95
16) Acenaphthylene	13.898	152	11658	0.374	ng	99
17) Acenaphthene	14.229	154	8668	0.392	ng	99
18) Fluorene	15.245	166	11467	0.388	ng	99
20) 4,6-Dinitro-2-methylph...	15.549	198	298m	0.376	ng	
21) 4-Bromophenyl-phenylether	16.145	248	3496	0.359	ng	94
22) Hexachlorobenzene	16.232	284	3795	0.348	ng	92
23) Atrazine	16.430	200	2636	0.367	ng	99
24) Pentachlorophenol	16.654	266	890	0.220	ng	99
25) Phenanthrene	16.989	178	16557	0.365	ng	99
26) Anthracene	17.101	178	10576	0.284	ng	99
28) Fluoranthene	19.022	202	20401	0.372	ng	99
30) Pyrene	19.389	202	21274	0.385	ng	99
32) Benzo(a)anthracene	21.149	228	14158	0.331	ng	99
33) Chrysene	21.203	228	21703	0.427	ng	100
34) Bis(2-ethylhexyl)phtha...	21.024	149	14545m	0.615	ng	
36) Indeno(1,2,3-cd)pyrene	25.572	276	17886	0.336	ng	98
37) Benzo(b)fluoranthene	22.695	252	15870	0.337	ng	99
38) Benzo(k)fluoranthene	22.742	252	20993m	0.390	ng	
39) Benzo(a)pyrene	23.271	252	15372	0.362	ng	98
40) Dibenzo(a,h)anthracene	25.575	278	13984	0.333	ng	98
41) Benzo(g,h,i)perylene	26.242	276	16285	0.350	ng	97

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

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