Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030875.D
Acq On : 12 Apr 2024 23:59
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 13 01:14:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 15:55:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	6280	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	18287	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	9784	0.400	ng		0.00
19) Phenanthrene-d10	17.053	188	21628	0.400	ng		#-0.01
29) Chrysene-d12	21.258	240	18692	0.400	ng		# 0.00
35) Perylene-d12	23.483	264	16322	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	5265	0.350	ng		0.00
5) Phenol-d6	6.844	99	6278	0.344	ng		0.00
8) Nitrobenzene-d5	8.820	82	4628	0.354	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	10584	0.378	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	1196	0.302	ng		0.00
15) 2-Fluorobiphenyl	12.926	172	13879	0.400	ng		0.00
27) Fluoranthene-d10	19.098	212	21400	0.356	ng		0.00
31) Terphenyl-d14	19.702	244	16853	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	2854	0.376	ng		95
3) n-Nitrosodimethylamine	3.529	42	2673	0.367	ng		99
6) bis(2-Chloroethyl)ether	7.104	93	6256	0.367	ng		98
9) Naphthalene	10.496	128	19721	0.390	ng		99
10) Hexachlorobutadiene	10.784	225	4009	0.397	ng	#	100
12) 2-Methylnaphthalene	12.119	142	12559	0.380	ng		98
16) Acenaphthylene	14.028	152	15246	0.357	ng		99
17) Acenaphthene	14.370	154	11642	0.385	ng		99
18) Fluorene	15.364	166	14861	0.374	ng		99
20) 4,6-Dinitro-2-methylph...	15.449	198	603	0.223	ng	#	73
21) 4-Bromophenyl-phenylether	16.258	248	4763	0.375	ng		96
22) Hexachlorobenzene	16.358	284	5877	0.396	ng		99
23) Atrazine	16.531	200	2977	0.314	ng		99
24) Pentachlorophenol	16.705	266	1396m	0.279	ng		
25) Phenanthrene	17.102	178	24003	0.379	ng		100
26) Anthracene	17.189	178	18372	0.347	ng		99
28) Fluoranthene	19.126	202	28061	0.358	ng		100
30) Pyrene	19.488	202	28333	0.403	ng		100
32) Benzo(a)anthracene	21.240	228	23590	0.364	ng		100
33) Chrysene	21.294	228	26682	0.384	ng		98
34) Bis(2-ethylhexyl)phtha...	21.178	149	9318	0.330	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.729	276	24756	0.388	ng		100
37) Benzo(b)fluoranthene	22.814	252	27658	0.383	ng		98
38) Benzo(k)fluoranthene	22.858	252	25991	0.381	ng		99
39) Benzo(a)pyrene	23.387	252	21663	0.389	ng		97
40) Dibenzo(a,h)anthracene	25.743	278	19400	0.383	ng		99
41) Benzo(g,h,i)perylene	26.419	276	21220	0.386	ng		99

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

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