Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017962.D
Acq On : 13 Dec 2021 05:54
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 13 06:27:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.706	152	38213	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	156404	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	97298	0.400	ng		0.00
19) Phenanthrene-d10	17.080	188	189241	0.400	ng		#-0.01
29) Chrysene-d12	21.293	240	140997	0.400	ng		0.00
35) Perylene-d12	23.586	264	100345	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	35811	0.455	ng		0.00
5) Phenol-d6	6.894	99	36259	0.464	ng		0.00
8) Nitrobenzene-d5	8.846	82	38384	0.376	ng		-0.01
11) 2-Methylnaphthalene-d10	12.085	152	110793	0.403	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	8864	0.500	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	137853	0.403	ng		0.00
27) Fluoranthene-d10	19.124	212	236876	0.386	ng		0.00
31) Terphenyl-d14	19.735	244	141491	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	5235	0.451	ng		98
3) n-Nitrosodimethylamine	3.602	42	15070	0.430	ng		94
6) bis(2-Chloroethyl)ether	7.134	93	40739	0.425	ng		99
9) Naphthalene	10.532	128	153899	0.396	ng		100
10) Hexachlorobutadiene	10.836	225	41802	0.377	ng	#	100
12) 2-Methylnaphthalene	12.156	142	105596	0.408	ng		100
16) Acenaphthylene	14.055	152	146815	0.404	ng		100
17) Acenaphthene	14.398	154	100547	0.398	ng		100
18) Fluorene	15.388	166	124130	0.404	ng		100
20) 4,6-Dinitro-2-methylph...	15.527	198	119m	0.530	ng		
21) 4-Bromophenyl-phenylether	16.289	248	42045	0.388	ng	#	93
22) Hexachlorobenzene	16.399	284	53400	0.378	ng		98
23) Atrazine	16.557	200	29127	0.404	ng		96
24) Pentachlorophenol	16.764	266	1826	0.490	ng		98
25) Phenanthrene	17.129	178	192249	0.398	ng		99
26) Anthracene	17.214	178	159588	0.396	ng		99
28) Fluoranthene	19.154	202	233334	0.392	ng		100
30) Pyrene	19.517	202	234279	0.424	ng		100
32) Benzo(a)anthracene	21.272	228	160472	0.405	ng		98
33) Chrysene	21.325	228	176602	0.381	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	81304	0.537	ng		100
36) Indeno(1,2,3-cd)pyrene	25.958	276	56241	0.354	ng		99
37) Benzo(b)fluoranthene	22.891	252	121650	0.367	ng		99
38) Benzo(k)fluoranthene	22.935	252	123233m	0.381	ng		
39) Benzo(a)pyrene	23.486	252	112252	0.381	ng	#	95
40) Dibenzo(a,h)anthracene	25.982	278	41713m	0.390	ng		
41) Benzo(g,h,i)perylene	26.663	276	58547	0.367	ng		98

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

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