Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052821\
Data File : BN014808.D
Acq On : 28 May 2021 17:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
6/1/2021 9:16:34 AM

Quant Time: May 28 18:10:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 01:39:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	649	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2365	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	1624	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	3706	0.40	ng		0.00
29) Chrysene-d12	21.314	240	4773	0.40	ng	#	0.00
35) Perylene-d12	23.578	264	5093	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	802	0.46	ng		0.00
5) Phenol-d6	6.887	99	1022	0.43	ng		0.00
8) Nitrobenzene-d5	8.857	82	710	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	12.093	152	1479	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	365	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.976	172	2107	0.35	ng		-0.01
27) Fluoranthene-d10	19.154	212	4482	0.30	ng		0.00
31) Terphenyl-d14	19.754	244	3914	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	316	0.42	ng	#	91
3) n-Nitrosodimethylamine	3.649	42	114	0.56	ng	#	31
6) bis(2-Chloroethyl)ether	7.145	93	681	0.34	ng		98
9) Naphthalene	10.543	128	2321	0.34	ng		95
10) Hexachlorobutadiene	10.834	225	623	0.35	ng	#	97
12) 2-Methylnaphthalene	12.169	142	1594	0.32	ng		99
16) Acenaphthylene	14.080	152	2185	0.34	ng		100
17) Acenaphthene	14.422	154	1644	0.35	ng		97
18) Fluorene	15.412	166	2083	0.31	ng		97
20) 4,6-Dinitro-2-methylph...	15.501	198	122	0.39	ng		85
21) 4-Bromophenyl-phenylether	16.313	248	873	0.34	ng		92
22) Hexachlorobenzene	16.422	284	1020	0.37	ng		97
23) Atrazine	16.581	200	521	0.32	ng		100
24) Pentachlorophenol	16.775	266	284	0.47	ng		91
25) Phenanthrene	17.153	178	3614	0.32	ng		98
26) Anthracene	17.250	178	3013	0.32	ng		98
28) Fluoranthene	19.183	202	4763	0.31	ng		99
30) Pyrene	19.546	202	4935	0.36	ng		99
32) Benzo(a)anthracene	21.292	228	5030	0.35	ng		98
33) Chrysene	21.346	228	5716	0.36	ng		98
34) Bis(2-ethylhexyl)phtha...	21.229	149	1686	0.41	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.861	276	6919	0.33	ng		98
37) Benzo(b)fluoranthene	22.894	252	6065m	0.32	ng		
38) Benzo(k)fluoranthene	22.941	252	6581	0.33	ng		96
39) Benzo(a)pyrene	23.479	252	5662	0.34	ng	#	61
40) Dibenzo(a,h)anthracene	25.871	278	5578	0.32	ng		97
41) Benzo(g,h,i)perylene	26.553	276	6286	0.34	ng		98

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

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