Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122822\
Data File : BN023518.D
Acq On : 28 Dec 2022 12:01
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

Quant Time: Dec 29 04:02:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 29 04:01:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.977	152	5173	0.400	ng		0.00
7) Naphthalene-d8	10.786	136	14844	0.400	ng	#	0.00
13) Acenaphthene-d10	14.623	164	8305	0.400	ng		0.00
19) Phenanthrene-d10	17.365	188	17112	0.400	ng	#	0.00
29) Chrysene-d12	21.562	240	9597	0.400	ng		0.00
35) Perylene-d12	24.001	264	6998	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	5284	0.461	ng		0.00
5) Phenol-d6	7.132	99	6376	0.453	ng		0.00
8) Nitrobenzene-d5	9.142	82	5111	0.440	ng		0.00
11) 2-Methylnaphthalene-d10	12.378	152	9334	0.432	ng		0.00
14) 2,4,6-Tribromophenol	16.111	330	1525	0.375	ng		0.00
15) 2-Fluorobiphenyl	13.244	172	15531	0.472	ng		0.00
27) Fluoranthene-d10	19.401	212	16087	0.385	ng		0.00
31) Terphenyl-d14	19.996	244	14120	0.631	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2362m	0.474	ng		
3) n-Nitrosodimethylamine	3.702	42	2695	0.449	ng		96
6) bis(2-Chloroethyl)ether	7.392	93	6810	0.499	ng		99
9) Naphthalene	10.840	128	17927	0.473	ng		99
10) Hexachlorobutadiene	11.128	225	3698	0.484	ng	#	98
12) 2-Methylnaphthalene	12.450	142	12574	0.461	ng		99
16) Acenaphthylene	14.346	152	15010	0.435	ng		99
17) Acenaphthene	14.688	154	10768m	0.463	ng		
18) Fluorene	15.671	166	14281	0.441	ng		98
20) 4,6-Dinitro-2-methylph...	15.751	198	816	0.500	ng		92
21) 4-Bromophenyl-phenylether	16.558	248	4539	0.452	ng	#	81
22) Hexachlorobenzene	16.670	284	5808	0.480	ng		99
23) Atrazine	16.831	200	2908	0.375	ng		97
24) Pentachlorophenol	17.017	266	1536	0.423	ng		99
25) Phenanthrene	17.414	178	21564	0.442	ng		100
26) Anthracene	17.501	178	16742	0.414	ng		100
28) Fluoranthene	19.431	202	21443	0.392	ng		99
30) Pyrene	19.793	202	20942	0.585	ng		100
32) Benzo(a)anthracene	21.545	228	14395	0.450	ng		100
33) Chrysene	21.598	228	15587	0.475	ng		100
34) Bis(2-ethylhexyl)phtha...	21.464	149	8022	0.408	ng		100
36) Indeno(1,2,3-cd)pyrene	26.544	276	12013	0.460	ng	#	71
37) Benzo(b)fluoranthene	23.252	252	12040	0.448	ng		99
38) Benzo(k)fluoranthene	23.299	252	11771	0.445	ng		97
39) Benzo(a)pyrene	23.890	252	8812	0.429	ng		98
40) Dibenzo(a,h)anthracene	26.562	278	9141	0.459	ng		99
41) Benzo(g,h,i)perylene	27.325	276	11290	0.491	ng		99

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

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