Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
Data File : BN007388.D
Acq On : 25 Aug 2019 07:17
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
8/31/2019 2:40:42 PM

Quant Time: Aug 26 05:03:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	7387	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	29939	0.40	ng		-0.01
13) Acenaphthene-d10	14.04	164	15127	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	32500	0.40	ng		0.00
27) Chrysene-d12	21.02	240	34688	0.40	ng		0.00
34) Perylene-d12	23.12	264	38047	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.03	112	6715	0.25	ng		0.00
5) Phenol-d6	6.59	99	8216	0.24	ng		0.00
8) Nitrobenzene-d5	8.53	82	7230	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	14188	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	2100	0.27	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	18375	0.30	ng		0.00
25) Fluoranthene-d10	18.84	212	30898	0.30	ng		0.00
29) Terphenyl-d14	19.46	244	25556	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	3343	0.272	ng	#	79
3) n-Nitrosodimethylamine	3.32	42	1320	0.231	ng	#	87
6) bis(2-Chloroethyl)ether	6.84	93	7326	0.275	ng		98
9) Naphthalene	10.20	128	25191	0.294	ng	#	90
10) Hexachlorobutadiene	10.51	225	5276	0.301	ng	#	99
12) 2-Methylnaphthalene	11.83	142	16472	0.283	ng		97
16) Acenaphthylene	13.76	152	27990	0.313	ng		100
17) Acenaphthene	14.11	154	15128	0.289	ng		99
18) Fluorene	15.10	166	19222	0.290	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	2036	0.159	ng	#	88
21) Hexachlorobenzene	16.12	284	6674	0.306	ng		96
22) Pentachlorophenol	16.46	266	2175	0.321	ng	#	63
23) Phenanthrene	16.84	178	28393	0.290	ng		99
24) Anthracene	16.93	178	26830	0.273	ng		98
26) Fluoranthene	18.87	202	37617	0.300	ng		100
28) Pyrene	19.24	202	39148	0.281	ng		99
30) Benzo(a)anthracene	21.00	228	39254	0.288	ng		97
31) Chrysene	21.05	228	38647	0.294	ng		98
32) Bis(2-ethylhexyl)phthalate	20.96	149	22763	0.239	ng		100
33) Indeno(1,2,3-cd)pyrene	25.18	276	46269	0.292	ng		99
35) Benzo(b)fluoranthene	22.50	252	41044m	0.298	ng		
36) Benzo(k)fluoranthene	22.54	252	39125	0.287	ng	#	97
37) Benzo(a)pyrene	23.02	252	38062	0.290	ng	#	96
38) Dibenzo(a,h)anthracene	25.19	278	36800	0.281	ng		95
39) Benzo(g,h,i)perylene	25.81	276	38471	0.295	ng		98

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

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