Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028441.D
Acq On : 03 Nov 2023 03:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 04:40:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	14396	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	44110	0.400	ng	#	0.00
13) Acenaphthene-d10	14.374	164	22536	0.400	ng		0.01
19) Phenanthrene-d10	17.121	188	40644	0.400	ng	#	0.00
29) Chrysene-d12	21.328	240	25556	0.400	ng	#	0.00
35) Perylene-d12	23.649	264	28640	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	14625	0.389	ng		0.00
5) Phenol-d6	6.901	99	19343	0.406	ng		0.01
8) Nitrobenzene-d5	8.875	82	12239	0.429	ng		0.00
11) 2-Methylnaphthalene-d10	12.117	152	25018	0.397	ng		0.00
14) 2,4,6-Tribromophenol	15.867	330	3759	0.428	ng		0.01
15) 2-Fluorobiphenyl	13.006	172	14924	0.558	ng		0.00
27) Fluoranthene-d10	19.162	212	36316	0.362	ng		0.00
31) Terphenyl-d14	19.770	244	25044	0.465	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	5166m	0.324	ng		
3) n-Nitrosodimethylamine	3.521	42	6380	0.359	ng	#	98
6) bis(2-Chloroethyl)ether	7.161	93	15909	0.386	ng		98
9) Naphthalene	10.573	128	47218	0.397	ng		99
10) Hexachlorobutadiene	10.861	225	8488	0.428	ng	#	99
12) 2-Methylnaphthalene	12.189	142	32682	0.394	ng		99
16) Acenaphthylene	14.086	152	72683	0.653	ng		99
17) Acenaphthene	14.438	154	31398	0.445	ng		99
18) Fluorene	15.422	166	39861	0.415	ng		97
20) 4,6-Dinitro-2-methylph...	15.507	198	63	0.021	ng	#	1
21) 4-Bromophenyl-phenylether	16.314	248	10922	0.485	ng	#	89
22) Hexachlorobenzene	16.426	284	10412	0.438	ng		96
23) Atrazine	16.587	200	8835	0.468	ng		96
24) Pentachlorophenol	16.773	266	3417	0.399	ng		99
25) Phenanthrene	17.158	178	48720	0.406	ng		98
26) Anthracene	17.258	178	48470	0.423	ng		99
28) Fluoranthene	19.194	202	50321	0.359	ng		99
30) Pyrene	19.556	202	53216	0.499	ng	#	96
32) Benzo(a)anthracene	21.310	228	44135	0.435	ng	#	80
33) Chrysene	21.364	228	41051	0.406	ng	#	86
34) Bis(2-ethylhexyl)phtha...	21.266	149	37885	0.723	ng	#	94
36) Indeno(1,2,3-cd)pyrene	26.031	276	46270	0.457	ng		96
37) Benzo(b)fluoranthene	22.947	252	40068	0.426	ng	#	65
38) Benzo(k)fluoranthene	22.994	252	39285	0.350	ng	#	59
39) Benzo(a)pyrene	23.546	252	40406	0.414	ng	#	62
40) Dibenzo(a,h)anthracene	26.052	278	36886	0.403	ng	#	65
41) Benzo(g,h,i)perylene	26.762	276	39197	0.400	ng	#	83

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

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