Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016775.D
Acq On : 06 Oct 2021 11:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 06 12:36:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	18790	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	85167	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	47124	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	89944	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	82158	0.40	ng	# 0.00
35) Perylene-d12	23.488	264	65890	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	21035	0.44	ng	0.00
5) Phenol-d6	6.813	99	24402	0.46	ng	0.00
8) Nitrobenzene-d5	8.772	82	25692	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	11.998	152	51494	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11742	0.55	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	72478	0.38	ng	-0.01
27) Fluoranthene-d10	19.063	212	100106	0.41	ng	0.00
31) Terphenyl-d14	19.679	244	85387	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	4676	0.53	ng	# 64
3) n-Nitrosodimethylamine	3.567	42	6893	0.49	ng	97
6) bis(2-Chloroethyl)ether	7.071	93	21964	0.43	ng	100
9) Naphthalene	10.457	128	90738	0.39	ng	99
10) Hexachlorobutadiene	10.736	225	18000	0.41	ng	# 100
12) 2-Methylnaphthalene	12.074	142	61380	0.41	ng	99
16) Acenaphthylene	13.990	152	85942	0.41	ng	99
17) Acenaphthene	14.332	154	54924	0.40	ng	99
18) Fluorene	15.322	166	67973	0.41	ng	99
20) 4,6-Dinitro-2-methylph...	15.411	198	840	0.38	ng	93
21) 4-Bromophenyl-phenylether	16.227	248	23093	0.42	ng	# 81
22) Hexachlorobenzene	16.324	284	25683	0.41	ng	100
23) Atrazine	16.506	200	21527	0.50	ng	95
24) Pentachlorophenol	16.677	266	13100	0.77	ng	99
25) Phenanthrene	17.066	178	103464	0.39	ng	100
26) Anthracene	17.151	178	98871	0.42	ng	100
28) Fluoranthene	19.093	202	119906	0.41	ng	99
30) Pyrene	19.460	202	122358	0.45	ng	100
32) Benzo(a)anthracene	21.217	228	114929	0.45	ng	99
33) Chrysene	21.270	228	107075	0.41	ng	99
34) Bis(2-ethylhexyl)phtha...	21.174	149	99847	0.65	ng	96
36) Indeno(1,2,3-cd)pyrene	25.768	276	64304	0.31	ng	99
37) Benzo(b)fluoranthene	22.810	252	102533	0.48	ng	99
38) Benzo(k)fluoranthene	22.855	252	94098	0.46	ng	# 97
39) Benzo(a)pyrene	23.389	252	82955	0.44	ng	# 90
40) Dibenzo(a,h)anthracene	25.788	278	54366	0.33	ng	# 96
41) Benzo(g,h,i)perylene	26.459	276	49724	0.27	ng	98

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

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