Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016879.D
Acq On : 09 Oct 2021 14:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 11 01:27:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	19759	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	91916	0.400	ng	#	0.00
13) Acenaphthene-d10	14.243	164	51919	0.400	ng		0.00
19) Phenanthrene-d10	16.993	188	106779	0.400	ng	#	-0.01
29) Chrysene-d12	21.206	240	112504	0.400	ng	#	0.00
35) Perylene-d12	23.447	264	93922	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.245	112	20610	0.418	ng		0.00
5) Phenol-d6	6.803	99	24045	0.428	ng		0.00
8) Nitrobenzene-d5	8.759	82	25311	0.393	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	53464	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.740	330	11889	0.443	ng		-0.01
15) 2-Fluorobiphenyl	12.860	172	75834	0.362	ng		-0.01
27) Fluoranthene-d10	19.043	212	117273	0.395	ng		0.00
31) Terphenyl-d14	19.653	244	101890	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	2176	0.246	ng	#	71
3) n-Nitrosodimethylamine	3.567	42	6180	0.399	ng		100
6) bis(2-Chloroethyl)ether	7.052	93	22042	0.404	ng		99
9) Naphthalene	10.432	128	94134	0.376	ng		100
10) Hexachlorobutadiene	10.711	225	18277	0.382	ng	#	100
12) 2-Methylnaphthalene	12.052	142	63711	0.398	ng		99
16) Acenaphthylene	13.964	152	88257	0.385	ng		100
17) Acenaphthene	14.307	154	58113	0.382	ng		100
18) Fluorene	15.296	166	73626	0.398	ng		100
20) 4,6-Dinitro-2-methylph...	15.398	198	107	0.211	ng	#	56
21) 4-Bromophenyl-phenylether	16.202	248	24664	0.371	ng	#	87
22) Hexachlorobenzene	16.312	284	28273	0.372	ng		99
23) Atrazine	16.482	200	19779	0.374	ng		98
24) Pentachlorophenol	16.652	266	12646	0.455	ng		99
25) Phenanthrene	17.042	178	119557	0.377	ng		100
26) Anthracene	17.127	178	109032	0.387	ng		100
28) Fluoranthene	19.073	202	141851	0.398	ng		100
30) Pyrene	19.435	202	147288	0.426	ng		100
32) Benzo(a)anthracene	21.195	228	145495	0.418	ng		97
33) Chrysene	21.248	228	145704	0.411	ng		97
34) Bis(2-ethylhexyl)phtha...	21.142	149	95123	0.538	ng		100
36) Indeno(1,2,3-cd)pyrene	25.713	276	87891	0.247	ng		97
37) Benzo(b)fluoranthene	22.776	252	136714	0.460	ng		100
38) Benzo(k)fluoranthene	22.820	252	136173	0.471	ng	#	97
39) Benzo(a)pyrene	23.351	252	115188	0.424	ng		100
40) Dibenzo(a,h)anthracene	25.730	278	75761	0.260	ng	#	97
41) Benzo(g,h,i)perylene	26.401	276	63193	0.204	ng		99

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

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