Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
Data File : BN016402.D
Acq On : 22 Sep 2021 08:26
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 22 08:56:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	26124	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	112784	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	61391	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	119745	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	113359	0.400	ng	#-0.01
35) Perylene-d12	23.515	264	107498	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	25767	0.393	ng	0.00
5) Phenol-d6	6.849	99	30667	0.386	ng	0.00
8) Nitrobenzene-d5	8.810	82	30935	0.462	ng	0.00
11) 2-Methylnaphthalene-d10	12.034	152	67792	0.381	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	7654	0.425	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	94696	0.394	ng	0.00
27) Fluoranthene-d10	19.093	212	131228	0.379	ng	0.00
31) Terphenyl-d14	19.703	244	113092	0.431	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	4535	0.417	ng	# 92
3) n-Nitrosodimethylamine	3.631	42	10456	0.421	ng	# 73
6) bis(2-Chloroethyl)ether	7.117	93	29189	0.412	ng	94
9) Naphthalene	10.495	128	116849	0.385	ng	100
10) Hexachlorobutadiene	10.787	225	23238	0.402	ng	# 99
12) 2-Methylnaphthalene	12.109	142	77635	0.385	ng	99
16) Acenaphthylene	14.015	152	99144	0.347	ng	100
17) Acenaphthene	14.358	154	69293	0.391	ng	99
18) Fluorene	15.347	166	83751	0.381	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	4138	0.759	ng	# 62
21) 4-Bromophenyl-phenylether	16.251	248	26990	0.385	ng	94
22) Hexachlorobenzene	16.360	284	26736	0.404	ng	# 92
23) Atrazine	16.531	200	20759	0.324	ng	98
24) Pentachlorophenol	16.701	266	10171	0.456	ng	98
25) Phenanthrene	17.091	178	137077	0.405	ng	99
26) Anthracene	17.176	178	116168	0.354	ng	99
28) Fluoranthene	19.117	202	155979	0.400	ng	99
30) Pyrene	19.485	202	155170	0.433	ng	99
32) Benzo(a)anthracene	21.238	228	143243	0.393	ng	100
33) Chrysene	21.291	228	150627	0.427	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	64611	0.329	ng	98
36) Indeno(1,2,3-cd)pyrene	25.809	276	152265	0.439	ng	100
37) Benzo(b)fluoranthene	22.834	252	139717	0.409	ng	98
38) Benzo(k)fluoranthene	22.879	252	143841	0.438	ng	# 98
39) Benzo(a)pyrene	23.413	252	123248	0.399	ng	97
40) Dibenzo(a,h)anthracene	25.833	278	130774	0.444	ng	97
41) Benzo(g,h,i)perylene	26.507	276	126593	0.432	ng	95

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

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