Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092821\
Data File : BN016569.D
Acq On : 28 Sep 2021 23:51
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 29 01:56:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 01:39:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	32757	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	141784	0.400	ng	# 0.00
13) Acenaphthene-d10	14.281	164	71143	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	133420	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	120163	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	117298	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	29712	0.365	ng	0.00
5) Phenol-d6	6.831	99	29090	0.355	ng	0.00
8) Nitrobenzene-d5	8.797	82	24344	0.323	ng	0.00
11) 2-Methylnaphthalene-d10	12.016	152	78169	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	9452	0.304	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	110685	0.378	ng	0.00
27) Fluoranthene-d10	19.078	212	138466	0.384	ng	0.00
31) Terphenyl-d14	19.693	244	105059	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.272	88	4720	0.335	ng	# 58
3) n-Nitrosodimethylamine	3.613	42	9230	0.355	ng	# 54
6) bis(2-Chloroethyl)ether	7.098	93	33660	0.390	ng	90
9) Naphthalene	10.470	128	146550	0.383	ng	99
10) Hexachlorobutadiene	10.761	225	28650	0.379	ng	# 98
12) 2-Methylnaphthalene	12.092	142	93008	0.391	ng	99
16) Acenaphthylene	14.002	152	107829	0.342	ng	100
17) Acenaphthene	14.345	154	80753	0.377	ng	93
18) Fluorene	15.334	166	97124	0.372	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	1462	0.348	ng	99
21) 4-Bromophenyl-phenylether	16.239	248	29948	0.380	ng	# 74
22) Hexachlorobenzene	16.348	284	36436	0.387	ng	94
23) Atrazine	16.518	200	17261	0.356	ng	96
24) Pentachlorophenol	16.701	266	7500	0.371	ng	100
25) Phenanthrene	17.078	178	154118	0.384	ng	100
26) Anthracene	17.163	178	124119	0.356	ng	100
28) Fluoranthene	19.107	202	172198	0.392	ng	98
30) Pyrene	19.475	202	166898	0.407	ng	100
32) Benzo(a)anthracene	21.227	228	139890	0.376	ng	99
33) Chrysene	21.280	228	157025	0.413	ng	99
34) Bis(2-ethylhexyl)phtha...	21.185	149	39453	0.356	ng	99
36) Indeno(1,2,3-cd)pyrene	25.798	276	145890	0.390	ng	97
37) Benzo(b)fluoranthene	22.824	252	148087	0.378	ng	99
38) Benzo(k)fluoranthene	22.868	252	150911	0.395	ng	# 97
39) Benzo(a)pyrene	23.406	252	132825	0.370	ng	99
40) Dibenzo(a,h)anthracene	25.819	278	113000	0.435	ng	# 96
41) Benzo(g,h,i)perylene	26.493	276	131144	0.386	ng	98

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

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