Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016505.D
Acq On : 26 Sep 2021 11:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 27 05:30:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	13093	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	36716	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	11937	0.40	ng	# 0.00
19) Phenanthrene-d10	17.042	188	24081	0.40	ng	0.00
29) Chrysene-d12	21.249	240	22602	0.40	ng	# 0.00
35) Perylene-d12	23.515	264	17055	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	5232	0.18	ng	0.00
5) Phenol-d6	6.840	99	8129	0.23	ng	0.00
8) Nitrobenzene-d5	8.810	82	11844	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	14518	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1144	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	24199	0.48	ng	-0.01
27) Fluoranthene-d10	19.088	212	21941	0.33	ng	0.00
31) Terphenyl-d14	19.698	244	18358	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	436	0.08	ng	# 85
3) n-Nitrosodimethylamine	3.622	42	1692	0.13	ng	# 39
6) bis(2-Chloroethyl)ether	7.107	93	13117	0.37	ng	# 82
9) Naphthalene	10.483	128	38976	0.40	ng	99
10) Hexachlorobutadiene	10.774	225	14124	0.73	ng	# 99
12) 2-Methylnaphthalene	12.100	142	17825	0.29	ng	95
16) Acenaphthylene	14.002	152	20778	0.43	ng	100
17) Acenaphthene	14.357	154	15087	0.44	ng	# 65
18) Fluorene	15.347	166	18039	0.44	ng	93
20) 4,6-Dinitro-2-methylph...	15.436	198	257	0.24	ng	91
21) 4-Bromophenyl-phenylether	16.239	248	4984	0.35	ng	# 78
22) Hexachlorobenzene	16.348	284	10218	0.73	ng	# 90
23) Atrazine	16.518	200	2362	0.31	ng	95
24) Pentachlorophenol	16.701	266	1429	0.44	ng	99
25) Phenanthrene	17.090	178	29344	0.41	ng	99
26) Anthracene	17.176	178	21406	0.36	ng	98
28) Fluoranthene	19.117	202	28143	0.36	ng	98
30) Pyrene	19.480	202	24860	0.35	ng	99
32) Benzo(a)anthracene	21.238	228	21566	0.33	ng	99
33) Chrysene	21.291	228	32905	0.47	ng	99
34) Bis(2-ethylhexyl)phtha...	21.185	149	8222	0.46	ng	95
36) Indeno(1,2,3-cd)pyrene	25.805	276	17553	0.32	ng	98
37) Benzo(b)fluoranthene	22.834	252	22504	0.39	ng	99
38) Benzo(k)fluoranthene	22.878	252	24520	0.45	ng	99
39) Benzo(a)pyrene	23.412	252	16282	0.35	ng	97
40) Dibenzo(a,h)anthracene	25.829	278	14556	0.31	ng	96
41) Benzo(g,h,i)perylene	26.507	276	14699	0.30	ng	96

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

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