Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016503.D
Acq On : 26 Sep 2021 09:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 27 05:30:14 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	16756	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	59630	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	24005	0.40	ng	# 0.00
19) Phenanthrene-d10	17.042	188	43501	0.40	ng	0.00
29) Chrysene-d12	21.249	240	49533	0.40	ng	# 0.00
35) Perylene-d12	23.515	264	41902	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	10690	0.28	ng	0.00
5) Phenol-d6	6.849	99	14897	0.34	ng	0.00
8) Nitrobenzene-d5	8.810	82	15551	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.025	152	30650	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1663	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	46709	0.46	ng	-0.01
27) Fluoranthene-d10	19.088	212	45349	0.38	ng	0.00
31) Terphenyl-d14	19.698	244	40241	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	589	0.08	ng	# 82
3) n-Nitrosodimethylamine	3.622	42	2051	0.12	ng	# 57
6) bis(2-Chloroethyl)ether	7.108	93	18602	0.41	ng	# 87
9) Naphthalene	10.483	128	64356	0.40	ng	100
10) Hexachlorobutadiene	10.774	225	16394	0.52	ng	# 99
12) 2-Methylnaphthalene	12.101	142	36996	0.37	ng	98
16) Acenaphthylene	14.002	152	41984	0.43	ng	99
17) Acenaphthene	14.357	154	29447	0.42	ng	# 82
18) Fluorene	15.347	166	36216	0.43	ng	97
20) 4,6-Dinitro-2-methylph...	15.423	198	242	0.20	ng	91
21) 4-Bromophenyl-phenylether	16.239	248	10027	0.39	ng	# 77
22) Hexachlorobenzene	16.348	284	15781	0.63	ng	# 89
23) Atrazine	16.519	200	3014	0.26	ng	95
24) Pentachlorophenol	16.701	266	2070	0.40	ng	99
25) Phenanthrene	17.078	178	58036	0.45	ng	99
26) Anthracene	17.176	178	40311	0.37	ng	99
28) Fluoranthene	19.113	202	65741	0.46	ng	98
30) Pyrene	19.480	202	59738	0.39	ng	99
32) Benzo(a)anthracene	21.238	228	45479	0.32	ng	100
33) Chrysene	21.291	228	68651	0.44	ng	99
34) Bis(2-ethylhexyl)phtha...	21.185	149	10132	0.26	ng	96
36) Indeno(1,2,3-cd)pyrene	25.812	276	53201	0.39	ng	98
37) Benzo(b)fluoranthene	22.834	252	47489	0.34	ng	97
38) Benzo(k)fluoranthene	22.879	252	67016	0.50	ng	99
39) Benzo(a)pyrene	23.413	252	36324	0.32	ng	97
40) Dibenzo(a,h)anthracene	25.829	278	45537	0.39	ng	96
41) Benzo(g,h,i)perylene	26.510	276	34742	0.29	ng	94

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

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