Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092821\
Data File : BN016560.D
Acq On : 28 Sep 2021 17:10
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Sep 28 18:32:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 28 18:30:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	28485	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	124432	0.400	ng	#	0.00
13) Acenaphthene-d10	14.281	164	59655	0.400	ng		0.00
19) Phenanthrene-d10	17.042	188	115960	0.400	ng	#	0.00
29) Chrysene-d12	21.249	240	97382	0.400	ng	#	0.00
35) Perylene-d12	23.508	264	90131	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.282	112	13943	0.241	ng		0.00
5) Phenol-d6	6.831	99	12984	0.181	ng		0.00
8) Nitrobenzene-d5	8.797	82	10670	0.149	ng		0.00
11) 2-Methylnaphthalene-d10	12.020	152	33693	0.192	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	4132	0.280	ng		0.01
15) 2-Fluorobiphenyl	12.911	172	51103	0.185	ng		0.00
27) Fluoranthene-d10	19.078	212	58910	0.182	ng		0.00
31) Terphenyl-d14	19.693	244	45590	0.232	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.272	88	2530	0.192	ng	#	61
3) n-Nitrosodimethylamine	3.622	42	4037	0.160	ng	#	55
6) bis(2-Chloroethyl)ether	7.098	93	14471	0.191	ng		92
9) Naphthalene	10.470	128	66921	0.193	ng		99
10) Hexachlorobutadiene	10.761	225	13610	0.187	ng	#	99
12) 2-Methylnaphthalene	12.092	142	40415	0.199	ng		98
16) Acenaphthylene	14.002	152	47568	0.173	ng		100
17) Acenaphthene	14.345	154	34830	0.188	ng		96
18) Fluorene	15.334	166	42357	0.191	ng		98
20) 4,6-Dinitro-2-methylph...	15.449	198	370	0.056	ng	#	42
21) 4-Bromophenyl-phenylether	16.239	248	12169	0.169	ng	#	75
22) Hexachlorobenzene	16.336	284	16300	0.188	ng		95
23) Atrazine	16.519	200	6966	0.242	ng		97
24) Pentachlorophenol	16.713	266	2772	0.123	ng		98
25) Phenanthrene	17.078	178	66466	0.176	ng		100
26) Anthracene	17.164	178	53636	0.172	ng		100
28) Fluoranthene	19.108	202	72690	0.177	ng	#	97
30) Pyrene	19.475	202	71473	0.253	ng		100
32) Benzo(a)anthracene	21.227	228	59866	0.232	ng		99
33) Chrysene	21.280	228	64676	0.205	ng		98
34) Bis(2-ethylhexyl)phtha...	21.185	149	18890	0.391	ng		99
36) Indeno(1,2,3-cd)pyrene	25.798	276	54057	0.191	ng		96
37) Benzo(b)fluoranthene	22.827	252	60543	0.217	ng	#	97
38) Benzo(k)fluoranthene	22.872	252	60586	0.186	ng	#	96
39) Benzo(a)pyrene	23.406	252	56582	0.255	ng	#	96
40) Dibenzo(a,h)anthracene	25.819	278	39438	0.157	ng	#	93
41) Benzo(g,h,i)perylene	26.493	276	52216	0.225	ng	#	95

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

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