Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020821\
Data File : BN013596.D
Acq On : 08 Feb 2021 13:12
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Feb 08 13:41:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 12:46:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.555	152	6196	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	23501	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	13162	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	27228	0.40	ng		# 0.00
29) Chrysene-d12	21.141	240	27996	0.40	ng		# 0.00
36) Perylene-d12	23.305	264	22788	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	20978	1.16	ng		0.00
5) Phenol-d6	6.734	99	26476	1.15	ng		0.00
8) Nitrobenzene-d5	8.693	82	21218	1.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.911	152	60887	1.45	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	6216	1.09	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	79770	1.38	ng		0.00
27) Fluoranthene-d10	18.977	212	121568	1.41	ng		0.00
31) Terphenyl-d14	19.588	244	99312	1.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	10754	1.40	ng		98
3) n-Nitrosodimethylamine	3.488	42	8681	1.29	ng		98
6) bis(2-Chloroethyl)ether	6.992	93	24768	1.37	ng		99
9) Naphthalene	10.365	128	95131	1.35	ng		99
10) Hexachlorobutadiene	10.657	225	15728	1.27	ng	#	100
12) 2-Methylnaphthalene	11.982	142	66044	1.36	ng		99
16) Acenaphthylene	13.902	152	84589	1.35	ng		100
17) Acenaphthene	14.245	154	60988	1.35	ng		99
18) Fluorene	15.234	166	75358	1.32	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	5116	1.53	ng	#	53
21) 4-Bromophenyl-phenylether	16.142	248	22528	1.33	ng	#	75
22) Hexachlorobenzene	16.252	284	24531	1.30	ng		99
23) Atrazine	16.410	200	14057	1.30	ng		95
24) Pentachlorophenol	16.592	266	5645	1.00	ng		97
25) Phenanthrene	16.970	178	121515	1.33	ng		100
26) Anthracene	17.067	178	102142	1.32	ng		100
28) Fluoranthene	19.002	202	139043	1.34	ng		99
30) Pyrene	19.369	202	135739	1.32	ng		100
32) Benzo(a)anthracene	21.120	228	122537	1.25	ng		98
33) Chrysene	21.173	228	138225	1.27	ng		98
34) Bis(2-ethylhexyl)phtha...	21.077	149	32480	1.07	ng		100
35) Indeno(1,2,3-cd)pyrene	25.451	276	145774	1.28	ng		98
37) Benzo(b)fluoranthene	22.662	252	132911	1.41	ng	#	92
38) Benzo(k)fluoranthene	22.703	252	139203	1.52	ng	#	91
39) Benzo(a)pyrene	23.209	252	113481	1.46	ng	#	89
40) Dibenzo(a,h)anthracene	25.468	278	125201	1.44	ng		96
41) Benzo(g,h,i)perylene	26.105	276	127960	1.44	ng		99

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

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