Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020821\
Data File : BN013597.D
Acq On : 08 Feb 2021 13:48
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Feb 08 14:17:53 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	6353	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	23532	0.40	ng	#	0.00
13) Acenaphthene-d10	14.181	164	12972	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	26370	0.40	ng		0.00
29) Chrysene-d12	21.141	240	27475	0.40	ng	#	0.00
36) Perylene-d12	23.305	264	22715	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	41664	2.25	ng		0.00
5) Phenol-d6	6.734	99	54058	2.30	ng		0.00
8) Nitrobenzene-d5	8.680	82	43260	2.72	ng		-0.01
11) 2-Methylnaphthalene-d10	11.906	152	118080	2.81	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	13386	2.39	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	153515	2.69	ng		0.00
27) Fluoranthene-d10	18.977	212	237576	2.84	ng		0.00
31) Terphenyl-d14	19.588	244	189685	2.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	21112	2.69	ng		96
3) n-Nitrosodimethylamine	3.480	42	17895	2.60	ng		99
6) bis(2-Chloroethyl)ether	6.992	93	48168	2.61	ng		99
9) Naphthalene	10.366	128	183386	2.61	ng		99
10) Hexachlorobutadiene	10.657	225	29962	2.42	ng	#	100
12) 2-Methylnaphthalene	11.982	142	127664	2.62	ng		99
16) Acenaphthylene	13.902	152	175672	2.84	ng		99
17) Acenaphthene	14.245	154	118581	2.66	ng		99
18) Fluorene	15.234	166	148803	2.65	ng		99
20) 4,6-Dinitro-2-methylph...	15.323	198	11848	3.66	ng	#	46
21) 4-Bromophenyl-phenylether	16.130	248	43812	2.67	ng	#	83
22) Hexachlorobenzene	16.252	284	47049	2.57	ng		100
23) Atrazine	16.410	200	30288	2.88	ng		95
24) Pentachlorophenol	16.592	266	13063	2.40	ng		96
25) Phenanthrene	16.970	178	237589	2.69	ng		100
26) Anthracene	17.067	178	206486	2.75	ng		99
28) Fluoranthene	19.002	202	268161	2.67	ng		99
30) Pyrene	19.369	202	264160	2.61	ng		100
32) Benzo(a)anthracene	21.120	228	248359	2.58	ng		98
33) Chrysene	21.173	228	268261	2.52	ng		99
34) Bis(2-ethylhexyl)phtha...	21.077	149	70195	2.35	ng		99
35) Indeno(1,2,3-cd)pyrene	25.451	276	288993	2.58	ng		98
37) Benzo(b)fluoranthene	22.662	252	263707	2.80	ng	#	92
38) Benzo(k)fluoranthene	22.703	252	263047	2.89	ng	#	91
39) Benzo(a)pyrene	23.209	252	224431	2.89	ng	#	88
40) Dibenzo(a,h)anthracene	25.468	278	244589	2.83	ng		96
41) Benzo(g,h,i)perylene	26.108	276	246739	2.79	ng		98

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

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