Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
Data File : BN011605.D
Acq On : 24 Aug 2020 19:58
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Aug 25 03:18:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 18:42:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2311	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	8909	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	5942	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	13339	0.40	ng		0.00
29) Chrysene-d12	21.33	240	14342	0.40	ng		0.00
36) Perylene-d12	23.59	264	14080	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	20437	4.14	ng		0.00
5) Phenol-d6	6.92	99	28802	5.78	ng		0.00
8) Nitrobenzene-d5	8.89	82	23930	4.09	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	50980	3.20	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	9859	3.33	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	68836	2.82	ng		0.00
27) Fluoranthene-d10	19.17	212	130715	2.91	ng		0.00
31) Terphenyl-d14	19.78	244	108889	2.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	10120	3.205	ng	#	1
3) n-Nitrosodimethylamine	3.59	42	10963	8.419	ng	#	90
6) bis(2-Chloroethyl)ether	7.18	93	21103	4.332	ng		97
9) Naphthalene	10.59	128	76509	2.964	ng	#	93
10) Hexachlorobutadiene	10.90	225	16079	2.226	ng	#	98
12) 2-Methylnaphthalene	12.21	142	56439	3.177	ng		96
16) Acenaphthylene	14.12	152	93270	3.086	ng		99
17) Acenaphthene	14.46	154	60427	3.047	ng		99
18) Fluorene	15.45	166	76347	2.911	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	5274	3.273	ng	#	29
21) 4-Bromophenyl-phenylether	16.34	248	23399	8.030	ng	#	88
22) Hexachlorobenzene	16.44	284	27075	2.632	ng		99
23) Atrazine	16.60	200	23544	3.393	ng		96
24) Pentachlorophenol	16.79	266	12557	3.918	ng		97
25) Phenanthrene	17.18	178	123881	2.950	ng		99
26) Anthracene	17.27	178	121683	3.474	ng		99
28) Fluoranthene	19.21	202	147439	2.730	ng		100
30) Pyrene	19.57	202	149398	2.619	ng		100
32) Benzo(a)anthracene	21.31	228	151333	3.213	ng		99
33) Chrysene	21.36	228	143977	2.686	ng		99
34) Bis(2-ethylhexyl)phthalate	21.27	149	90971	3.884	ng		94
35) Indeno(1,2,3-cd)pyrene	25.87	276	178519	3.668	ng	#	100
37) Benzo(b)fluoranthene	22.91	252	153409	2.947	ng	#	90
38) Benzo(k)fluoranthene	22.96	252	151552	2.443	ng	#	87
39) Benzo(a)pyrene	23.49	252	142619	2.961	ng	#	90
40) Dibenzo(a,h)anthracene	25.90	278	147988	3.675	ng	#	90
41) Benzo(g,h,i)perylene	26.57	276	143461	2.986	ng	#	94

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

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