Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
Data File : BN010705.D
Acq On : 13 May 2020 12:33
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: May 13 13:26:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2877	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	10978	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	6942	0.40	ng		0.00
19) Phenanthrene-d10	16.94	188	15191	0.40	ng		-0.01
27) Chrysene-d12	21.15	240	14054	0.40	ng		0.00
34) Perylene-d12	23.32	264	12594	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	9392	1.49	ng		0.00
5) Phenol-d6	6.77	99	11848	1.44	ng		0.00
8) Nitrobenzene-d5	8.71	82	13094	1.71	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	30154	1.67	ng		0.00
14) 2,4,6-Tribromophenol	15.70	330	4410	1.35	ng		-0.01
15) 2-Fluorobiphenyl	12.82	172	43085	1.71	ng		0.00
25) Fluoranthene-d10	18.98	212	71780	1.56	ng		0.00
29) Terphenyl-d14	19.60	244	53500	1.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	4252	2.01	ng		97
3) n-Nitrosodimethylamine	3.55	42	2569	1.87	ng	#	99
6) bis(2-Chloroethyl)ether	7.02	93	11682	1.64	ng		95
9) Naphthalene	10.38	128	45598	1.67	ng		99
10) Hexachlorobutadiene	10.68	225	10385	1.58	ng	#	99
12) 2-Methylnaphthalene	12.00	142	33351	1.70	ng		98
16) Acenaphthylene	13.91	152	48577	1.62	ng		100
17) Acenaphthene	14.26	154	31504	1.63	ng		100
18) Fluorene	15.25	166	43071	1.71	ng		99
20) 4-Bromophenyl-phenylether	16.15	248	14462	1.71	ng		92
21) Hexachlorobenzene	16.26	284	15950	1.66	ng		99
22) Pentachlorophenol	16.61	266	4999	1.32	ng		99
23) Phenanthrene	16.99	178	69406	1.69	ng		100
24) Anthracene	17.08	178	60100	1.60	ng		100
26) Fluoranthene	19.01	202	82074	1.61	ng		99
28) Pyrene	19.38	202	79897	1.69	ng		100
30) Benzo(a)anthracene	21.14	228	68138	1.49	ng		99
31) Chrysene	21.19	228	76455	1.67	ng		98
32) Bis(2-ethylhexyl)phthalate	21.09	149	28420	1.21	ng		99
33) Indeno(1,2,3-cd)pyrene	25.45	276	68098	1.69	ng		98
35) Benzo(b)fluoranthene	22.68	252	70757	1.71	ng	#	90
36) Benzo(k)fluoranthene	22.72	252	75428	1.82	ng	#	90
37) Benzo(a)pyrene	23.22	252	60037	1.64	ng	#	84
38) Dibenzo(a,h)anthracene	25.47	278	52448	1.56	ng	#	90
39) Benzo(g,h,i)perylene	26.10	276	60343	1.79	ng		97

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

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