Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
Data File : BN010706.D
Acq On : 13 May 2020 13:09
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: May 13 13:43:17 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	3307	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	12096	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	7676	0.40	ng		-0.01
19) Phenanthrene-d10	16.94	188	16260	0.40	ng		-0.01
27) Chrysene-d12	21.15	240	15037	0.40	ng		0.00
34) Perylene-d12	23.32	264	13256	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	20503	2.83	ng		0.00
5) Phenol-d6	6.77	99	26650	2.82	ng		0.00
8) Nitrobenzene-d5	8.71	82	28331	3.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.92	152	64757	3.26	ng		0.00
14) 2,4,6-Tribromophenol	15.70	330	10312	2.85	ng		-0.01
15) 2-Fluorobiphenyl	12.82	172	91395	3.27	ng		0.00
25) Fluoranthene-d10	18.98	212	151951	3.08	ng		0.00
29) Terphenyl-d14	19.60	244	112914	3.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	8976	3.69	ng		98
3) n-Nitrosodimethylamine	3.53	42	5881	3.73	ng	#	98
6) bis(2-Chloroethyl)ether	7.02	93	25732	3.14	ng		97
9) Naphthalene	10.38	128	97726	3.25	ng		98
10) Hexachlorobutadiene	10.68	225	21850	3.02	ng	#	99
12) 2-Methylnaphthalene	12.00	142	71029	3.29	ng		98
16) Acenaphthylene	13.91	152	109702	3.31	ng		100
17) Acenaphthene	14.26	154	69081	3.24	ng		99
18) Fluorene	15.25	166	92306	3.31	ng		100
20) 4-Bromophenyl-phenylether	16.15	248	31314	3.47	ng		97
21) Hexachlorobenzene	16.26	284	34044	3.30	ng		99
22) Pentachlorophenol	16.61	266	11821	2.91	ng		98
23) Phenanthrene	16.99	178	148355	3.38	ng		100
24) Anthracene	17.08	178	131505	3.28	ng		100
26) Fluoranthene	19.01	202	172064	3.15	ng		99
28) Pyrene	19.38	202	167779	3.31	ng		100
30) Benzo(a)anthracene	21.13	228	149061	3.04	ng		98
31) Chrysene	21.19	228	153743	3.15	ng		98
32) Bis(2-ethylhexyl)phthalate	21.09	149	62147	2.47	ng		99
33) Indeno(1,2,3-cd)pyrene	25.45	276	141997	3.29	ng		97
35) Benzo(b)fluoranthene	22.68	252	146914	3.37	ng	#	89
36) Benzo(k)fluoranthene	22.72	252	150904	3.45	ng	#	89
37) Benzo(a)pyrene	23.22	252	125649	3.25	ng	#	82
38) Dibenzo(a,h)anthracene	25.46	278	110932	3.14	ng	#	89
39) Benzo(g,h,i)perylene	26.09	276	120957	3.40	ng		97

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

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