Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
Data File : BN010210.D
Acq On : 13 Mar 2020 20:59
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Mar 16 01:58:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 01:51:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3133	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	11023	0.40	ng		0.00
13) Acenaphthene-d10	14.26	164	7329	0.40	ng		0.00
19) Phenanthrene-d10	17.00	188	17386	0.40	ng		0.00
27) Chrysene-d12	21.20	240	17912	0.40	ng		0.00
34) Perylene-d12	23.37	264	19856	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	11586	1.66	ng		0.00
5) Phenol-d6	6.82	99	14767	1.74	ng		0.00
8) Nitrobenzene-d5	8.77	82	10769	1.17	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	30413	1.43	ng		0.00
14) 2,4,6-Tribromophenol	15.75	330	4399	1.56	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	43393	1.57	ng		0.00
25) Fluoranthene-d10	19.03	212	88806	1.48	ng		0.00
29) Terphenyl-d14	19.65	244	67544	1.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	5130	1.599	ng	#	53
3) n-Nitrosodimethylamine	3.55	42	4535	0.861	ng	#	26
6) bis(2-Chloroethyl)ether	7.07	93	12852	1.559	ng		97
9) Naphthalene	10.44	128	45549	1.515	ng		96
10) Hexachlorobutadiene	10.76	225	10323	1.561	ng	#	96
12) 2-Methylnaphthalene	12.06	142	33017	1.602	ng		96
16) Acenaphthylene	13.97	152	56647	1.813	ng		100
17) Acenaphthene	14.31	154	34305	1.561	ng		99
18) Fluorene	15.31	166	46047	1.588	ng		100
20) 4-Bromophenyl-phenylether	16.21	248	16557	1.367	ng		98
21) Hexachlorobenzene	16.32	284	16321	1.508	ng		98
22) Pentachlorophenol	16.66	266	5020	1.810	ng		90
23) Phenanthrene	17.04	178	76667	1.482	ng		100
24) Anthracene	17.13	178	76591	1.751	ng		99
26) Fluoranthene	19.06	202	96482	1.557	ng		100
28) Pyrene	19.43	202	99240	1.459	ng		100
30) Benzo(a)anthracene	21.17	228	101309	1.704	ng		97
31) Chrysene	21.23	228	98609	1.434	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	42190	1.455	ng	#	96
33) Indeno(1,2,3-cd)pyrene	25.53	276	117152	1.636	ng		98
35) Benzo(b)fluoranthene	22.73	252	101281	1.395	ng		97
36) Benzo(k)fluoranthene	22.77	252	102182	1.293	ng		96
37) Benzo(a)pyrene	23.28	252	94797	1.431	ng		96
38) Dibenzo(a,h)anthracene	25.55	278	95958	1.471	ng		96
39) Benzo(g,h,i)perylene	26.18	276	95149	1.370	ng		98

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

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