Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010288.D
Acq On : 19 Mar 2020 13:28
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Mar 19 15:16:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:04:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3952	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13068	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8083	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	18771	0.40	ng		0.00
27) Chrysene-d12	21.19	240	20578	0.40	ng		0.00
34) Perylene-d12	23.37	264	18679	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	12584	1.36	ng		0.00
5) Phenol-d6	6.80	99	15803	1.36	ng		0.00
8) Nitrobenzene-d5	8.74	82	13736	1.75	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	34884	1.62	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	4972	1.72	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	51191	1.78	ng		0.00
25) Fluoranthene-d10	19.02	212	94080	1.62	ng		0.00
29) Terphenyl-d14	19.63	244	73314	1.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	6213	1.611	ng		99
3) n-Nitrosodimethylamine	3.55	42	5340	1.564	ng		99
6) bis(2-Chloroethyl)ether	7.06	93	15358	1.587	ng		99
9) Naphthalene	10.43	128	54137	1.654	ng		100
10) Hexachlorobutadiene	10.73	225	13139	1.743	ng	#	99
12) 2-Methylnaphthalene	12.05	142	38185	1.624	ng		99
16) Acenaphthylene	13.96	152	53915	1.445	ng		100
17) Acenaphthene	14.30	154	38232	1.689	ng		98
18) Fluorene	15.29	166	50730	1.644	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	19138	1.776	ng		99
21) Hexachlorobenzene	16.31	284	19658	1.868	ng		99
22) Pentachlorophenol	16.65	266	6263	1.927	ng		97
23) Phenanthrene	17.03	178	86464	1.736	ng		100
24) Anthracene	17.11	178	74129	1.494	ng		100
26) Fluoranthene	19.05	202	108035	1.713	ng		100
28) Pyrene	19.42	202	105308	1.532	ng		100
30) Benzo(a)anthracene	21.17	228	110971	1.586	ng		100
31) Chrysene	21.23	228	116026	1.685	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	32874	1.103	ng		100
33) Indeno(1,2,3-cd)pyrene	25.52	276	122914	1.504	ng		99
35) Benzo(b)fluoranthene	22.72	252	109943	1.914	ng		96
36) Benzo(k)fluoranthene	22.76	252	113135	1.949	ng	#	93
37) Benzo(a)pyrene	23.27	252	92286	1.703	ng	#	94
38) Dibenzo(a,h)anthracene	25.53	278	102013	1.876	ng		98
39) Benzo(g,h,i)perylene	26.16	276	101419	1.868	ng		99

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

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