Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
Data File : BN009778.D
Acq On : 19 Feb 2020 14:44
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Feb 19 16:04:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 13:45:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1353	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	4137	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	2598	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	5392	0.40	ng		-0.01
27) Chrysene-d12	21.03	240	5269	0.40	ng		-0.01
34) Perylene-d12	23.14	264	4889	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	13650	4.38	ng		-0.02
5) Phenol-d6	6.61	99	17720	4.92	ng		-0.03
8) Nitrobenzene-d5	8.55	82	18597	5.64	ng		-0.04
11) 2-Methylnaphthalene-d10	11.76	152	39245	4.91	ng		-0.03
14) 2,4,6-Tribromophenol	15.56	330	5547	5.65	ng		-0.02
15) 2-Fluorobiphenyl	12.66	172	47469	4.88	ng		-0.02
25) Fluoranthene-d10	18.84	212	91759	4.96	ng		-0.02
29) Terphenyl-d14	19.47	244	58785	4.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	6076	4.306	ng		98
3) n-Nitrosodimethylamine	3.39	42	11880	5.451	ng	#	91
6) bis(2-Chloroethyl)ether	6.86	93	16540	4.459	ng		92
9) Naphthalene	10.20	128	53606	4.788	ng	#	94
10) Hexachlorobutadiene	10.49	225	11374	4.633	ng	#	97
12) 2-Methylnaphthalene	11.83	142	37763	4.840	ng		98
16) Acenaphthylene	13.76	152	58615	5.230	ng		99
17) Acenaphthene	14.11	154	37043	4.701	ng		99
18) Fluorene	15.10	166	48736	4.746	ng		100
21) Hexachlorobenzene	16.12	284	16242	4.699	ng		99
22) Pentachlorophenol	16.47	266	5421	5.585	ng	#	83
23) Phenanthrene	16.85	178	78967	4.875	ng		99
24) Anthracene	16.94	178	72328	5.318	ng		100
26) Fluoranthene	18.88	202	93884	4.940	ng		99
28) Pyrene	19.25	202	92589	4.636	ng		100
30) Benzo(a)anthracene	21.00	228	90969	5.252	ng		97
31) Chrysene	21.06	228	91509	4.619	ng		97
32) Bis(2-ethylhexyl)phthalate	20.96	149	42706	5.576	ng		99
33) Indeno(1,2,3-cd)pyrene	25.18	276	101616	4.931	ng		97
35) Benzo(b)fluoranthene	22.51	252	88696	4.932	ng	#	84
36) Benzo(k)fluoranthene	22.55	252	94140	4.743	ng	#	89
37) Benzo(a)pyrene	23.04	252	80551	5.089	ng	#	80
38) Dibenzo(a,h)anthracene	25.19	278	82154	5.159	ng	#	89
39) Benzo(g,h,i)perylene	25.80	276	83062	4.741	ng		95

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

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