Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011146.D
Acq On : 10 Jul 2020 13:09
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Jul 10 14:37:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 11:21:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2068	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	5971	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	3222	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	6328	0.40	ng		0.00
29) Chrysene-d12	21.09	240	6921	0.40	ng		-0.01
36) Perylene-d12	23.23	264	5816	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	22909	4.45	ng		0.00
5) Phenol-d6	6.71	99	27082	4.58	ng		0.00
8) Nitrobenzene-d5	8.64	82	27215	5.36	ng		-0.01
11) 2-Methylnaphthalene-d10	11.85	152	46394	4.49	ng		0.00
14) 2,4,6-Tribromophenol	15.63	330	7656	5.66	ng		-0.01
15) 2-Fluorobiphenyl	12.74	172	67875	4.47	ng		-0.01
27) Fluoranthene-d10	18.92	212	92508	4.83	ng		0.00
31) Terphenyl-d14	19.54	244	78618	4.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	12405	4.254	ng		98
3) n-Nitrosodimethylamine	3.52	42	7495	5.087	ng	#	96
6) bis(2-Chloroethyl)ether	6.95	93	23891	4.446	ng		96
9) Naphthalene	10.30	128	78814	4.420	ng		96
10) Hexachlorobutadiene	10.60	225	19313	4.276	ng	#	99
12) 2-Methylnaphthalene	11.92	142	53607	4.497	ng		95
16) Acenaphthylene	13.84	152	77608	4.804	ng		100
17) Acenaphthene	14.18	154	48731	4.451	ng		99
18) Fluorene	15.19	166	70002	5.117	ng		99
21) 4-Bromophenyl-phenylether	16.08	248	22765	5.412	ng		96
22) Hexachlorobenzene	16.19	284	22181	4.475	ng		98
23) Atrazine	16.37	200	15387	5.175	ng	#	91
24) Pentachlorophenol	16.55	266	7991	5.990	ng		97
25) Phenanthrene	16.92	178	96448	4.706	ng		99
26) Anthracene	17.01	178	87211	5.143	ng		99
28) Fluoranthene	18.95	202	114278	4.959	ng		99
30) Pyrene	19.32	202	113795	4.407	ng		99
32) Benzo(a)anthracene	21.08	228	107537	4.650	ng		96
33) Chrysene	21.13	228	114519	4.315	ng		98
34) Bis(2-ethylhexyl)phthalate	21.04	149	41106	4.396	ng		97
35) Indeno(1,2,3-cd)pyrene	25.32	276	126344	4.554	ng		97
37) Benzo(b)fluoranthene	22.60	252	114265	4.902	ng	#	89
38) Benzo(k)fluoranthene	22.64	252	113722	4.557	ng	#	88
39) Benzo(a)pyrene	23.14	252	97353	4.845	ng	#	82
40) Dibenzo(a,h)anthracene	25.33	278	103252	5.015	ng	#	89
41) Benzo(g,h,i)perylene	25.95	276	105830	4.665	ng		97

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

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