Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011655.D
Acq On : 27 Aug 2020 09:37
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Aug 27 11:28:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 11:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1971	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	7703	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4574	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	10299	0.40	ng		0.00
29) Chrysene-d12	21.32	240	11063	0.40	ng		0.00
36) Perylene-d12	23.59	264	11456	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	646	0.10	ng		0.00
5) Phenol-d6	6.91	99	906	0.10	ng		0.00
8) Nitrobenzene-d5	8.88	82	809	0.12	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	1564	0.11	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	249	0.10	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	2234	0.13	ng		0.00
27) Fluoranthene-d10	19.17	212	3718	0.11	ng		0.00
31) Terphenyl-d14	19.77	244	3197	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	405	0.132	ng		91
6) bis(2-Chloroethyl)ether	7.17	93	741	0.117	ng		96
9) Naphthalene	10.58	128	2455	0.112	ng	#	93
10) Hexachlorobutadiene	10.87	225	538	0.117	ng	#	97
12) 2-Methylnaphthalene	12.20	142	1750	0.108	ng		97
16) Acenaphthylene	14.10	152	2419	0.100	ng		99
17) Acenaphthene	14.45	154	1708	0.112	ng		99
18) Fluorene	15.44	166	2233	0.113	ng		100
20) 4,6-Dinitro-2-methylphenol	15.51	198	170	0.143	ng	#	5
21) 4-Bromophenyl-phenylether	16.32	248	650	0.108	ng		97
22) Hexachlorobenzene	16.43	284	848	0.122	ng		100
23) Atrazine	16.59	200	601	0.101	ng		91
25) Phenanthrene	17.17	178	3706	0.116	ng		99
26) Anthracene	17.26	178	3175	0.101	ng		99
28) Fluoranthene	19.19	202	4327	0.112	ng		100
30) Pyrene	19.56	202	4415	0.113	ng		99
32) Benzo(a)anthracene	21.31	228	4494	0.113	ng		98
33) Chrysene	21.36	228	4691	0.123	ng		98
34) Bis(2-ethylhexyl)phthalate	21.26	149	1884	0.066	ng		100
35) Indeno(1,2,3-cd)pyrene	25.86	276	5953	0.128	ng		98
37) Benzo(b)fluoranthene	22.91	252	4991	0.120	ng	#	83
38) Benzo(k)fluoranthene	22.95	252	5082	0.123	ng	#	82
39) Benzo(a)pyrene	23.48	252	4482	0.116	ng	#	78
40) Dibenzo(a,h)anthracene	25.88	278	4855	0.120	ng	#	89
41) Benzo(g,h,i)perylene	26.55	276	4806	0.122	ng	#	90

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

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