Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060121\
Data File : BN014811.D
Acq On : 01 Jun 2021 13:31
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Jun 01 14:45:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 01 14:44:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.708	152	563	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	1933	0.40	ng		0.00
13) Acenaphthene-d10	14.346	164	1439	0.40	ng		0.00
19) Phenanthrene-d10	17.104	188	3369	0.40	ng		0.00
29) Chrysene-d12	21.311	240	4361	0.40	ng		0.00
35) Perylene-d12	23.569	264	4450	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	307	0.20	ng		0.00
5) Phenol-d6	6.887	99	385	0.19	ng		0.00
8) Nitrobenzene-d5	8.857	82	332	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	12.093	152	775	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	135	0.16	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	1022	0.19	ng		0.00
27) Fluoranthene-d10	19.146	212	2706	0.20	ng		0.00
31) Terphenyl-d14	19.751	244	2133	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	243	0.37	ng	#	71
3) n-Nitrosodimethylamine	3.625	42	26	0.13	ng	#	85
6) bis(2-Chloroethyl)ether	7.145	93	304	0.18	ng		92
9) Naphthalene	10.543	128	1107	0.20	ng		95
10) Hexachlorobutadiene	10.834	225	299	0.21	ng	#	94
12) 2-Methylnaphthalene	12.164	142	738	0.18	ng		97
16) Acenaphthylene	14.067	152	1009	0.18	ng		99
17) Acenaphthene	14.410	154	795	0.19	ng		99
18) Fluorene	15.412	166	1099	0.18	ng		100
20) 4,6-Dinitro-2-methylph...	15.513	198	50	0.14	ng		83
21) 4-Bromophenyl-phenylether	16.300	248	418	0.18	ng	#	87
22) Hexachlorobenzene	16.410	284	554	0.22	ng		98
23) Atrazine	16.580	200	264	0.18	ng		88
24) Pentachlorophenol	16.775	266	99	0.18	ng	#	83
25) Phenanthrene	17.152	178	1865	0.18	ng		98
26) Anthracene	17.237	178	1500	0.18	ng		98
28) Fluoranthene	19.176	202	2500	0.18	ng		99
30) Pyrene	19.538	202	2600	0.21	ng		98
32) Benzo(a)anthracene	21.290	228	2346	0.18	ng		95
33) Chrysene	21.343	228	3011	0.21	ng		98
34) Bis(2-ethylhexyl)phtha...	21.226	149	830	0.22	ng		99
36) Indeno(1,2,3-cd)pyrene	25.852	276	3461	0.19	ng		99
37) Benzo(b)fluoranthene	22.887	252	3055	0.19	ng	#	90
38) Benzo(k)fluoranthene	22.932	252	3295	0.19	ng	#	89
39) Benzo(a)pyrene	23.469	252	2677	0.18	ng	#	83
40) Dibenzo(a,h)anthracene	25.869	278	2820	0.18	ng	#	90
41) Benzo(g,h,i)perylene	26.540	276	3367	0.21	ng	#	95

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

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