Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032021\
Data File : BN013992.D
Acq On : 19 Mar 2021 10:22
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Mar 19 12:18:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 19 12:16:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	5574	0.40	ng		0.00
7) Naphthalene-d8	10.480	136	20332	0.40	ng		0.00
13) Acenaphthene-d10	14.334	164	10868	0.40	ng		0.00
19) Phenanthrene-d10	17.079	188	23701	0.40	ng	#	0.01
29) Chrysene-d12	21.258	240	22310	0.40	ng	#	0.00
36) Perylene-d12	23.469	264	20557	0.40	ng	#	0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	1365	0.09	ng		0.00
5) Phenol-d6	6.871	99	1674	0.08	ng		0.00
8) Nitrobenzene-d5	8.845	82	1368	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.071	152	3108	0.09	ng		0.00
14) 2,4,6-Tribromophenol	15.831	330	320	0.07	ng		0.01
15) 2-Fluorobiphenyl	12.951	172	4059	0.11	ng		0.00
27) Fluoranthene-d10	19.106	212	6363	0.09	ng		0.00
31) Terphenyl-d14	19.707	244	5038	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	911	0.14	ng	#	86
6) bis(2-Chloroethyl)ether	7.137	93	1443	0.10	ng		96
9) Naphthalene	10.530	128	5069	0.10	ng		96
10) Hexachlorobutadiene	10.822	225	967	0.10	ng	#	100
12) 2-Methylnaphthalene	12.146	142	3378	0.10	ng		98
16) Acenaphthylene	14.054	152	3848	0.08	ng		99
17) Acenaphthene	14.397	154	3002	0.10	ng		99
18) Fluorene	15.387	166	3746	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.463	198	232	0.14	ng	#	1
21) 4-Bromophenyl-phenylether	16.276	248	1211	0.09	ng	#	90
22) Hexachlorobenzene	16.386	284	1389	0.10	ng		97
23) Atrazine	16.544	200	789	0.07	ng	#	95
25) Phenanthrene	17.116	178	6596	0.11	ng		99
26) Anthracene	17.201	178	4985	0.08	ng		99
28) Fluoranthene	19.136	202	6845	0.09	ng		99
30) Pyrene	19.498	202	7174	0.10	ng		100
32) Benzo(a)anthracene	21.237	228	5953	0.09	ng		98
33) Chrysene	21.290	228	6713	0.10	ng		98
34) Bis(2-ethylhexyl)phtha...	21.173	149	2586	0.08	ng	#	97
35) Indeno(1,2,3-cd)pyrene	25.694	276	7477	0.09	ng		98
37) Benzo(b)fluoranthene	22.809	252	7171	0.11	ng	#	85
38) Benzo(k)fluoranthene	22.850	252	6856	0.11	ng	#	91
39) Benzo(a)pyrene	23.374	252	6044	0.10	ng	#	76
40) Dibenzo(a,h)anthracene	25.708	278	6258	0.10	ng		92
41) Benzo(g,h,i)perylene	26.375	276	6820	0.11	ng		98

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

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