Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043021\
Data File : BN014500.D
Acq On : 30 Apr 2021 12:55
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Apr 30 15:39:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 15:34:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.628	152	8932	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	32384	0.40	ng		0.00
13) Acenaphthene-d10	14.270	164	18346	0.40	ng		0.00
19) Phenanthrene-d10	17.019	188	38378	0.40	ng		0.00
29) Chrysene-d12	21.218	240	31238	0.40	ng		0.00
35) Perylene-d12	23.417	264	26261	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	1996	0.13	ng		0.00
5) Phenol-d6	6.798	99	2084	0.11	ng		0.00
8) Nitrobenzene-d5	8.769	82	1707	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	11.995	152	6913	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	588	0.13	ng		0.00
15) 2-Fluorobiphenyl	12.887	172	6858	0.10	ng		0.00
27) Fluoranthene-d10	19.054	212	13262	0.10	ng		0.00
31) Terphenyl-d14	19.660	244	7787	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.174	88	1495	0.15	ng		92
6) bis(2-Chloroethyl)ether	7.056	93	2205	0.10	ng		99
9) Naphthalene	10.442	128	8706	0.10	ng		97
10) Hexachlorobutadiene	10.746	225	1818	0.11	ng	#	99
12) 2-Methylnaphthalene	12.071	142	5664	0.10	ng		98
16) Acenaphthylene	13.978	152	6312	0.09	ng		99
17) Acenaphthene	14.321	154	5155	0.10	ng		98
18) Fluorene	15.323	166	6406	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	111	0.04	ng	#	1
21) 4-Bromophenyl-phenylether	16.216	248	2064	0.10	ng		98
22) Hexachlorobenzene	16.325	284	2688	0.10	ng		99
23) Atrazine	16.483	200	1202	0.12	ng	#	92
25) Phenanthrene	17.055	178	11030	0.10	ng		99
26) Anthracene	17.141	178	8050	0.10	ng		100
28) Fluoranthene	19.084	202	11473	0.10	ng		100
30) Pyrene	19.451	202	12050	0.12	ng		100
32) Benzo(a)anthracene	21.197	228	8557	0.10	ng		98
33) Chrysene	21.250	228	10340	0.10	ng		98
34) Bis(2-ethylhexyl)phtha...	21.144	149	4768	0.21	ng		95
36) Indeno(1,2,3-cd)pyrene	25.625	276	8124	0.08	ng		96
37) Benzo(b)fluoranthene	22.760	252	8806	0.09	ng	#	78
38) Benzo(k)fluoranthene	22.805	252	10856	0.10	ng	#	84
39) Benzo(a)pyrene	23.325	252	8615	0.10	ng	#	50
40) Dibenzo(a,h)anthracene	25.639	278	6587	0.07	ng	#	83
41) Benzo(g,h,i)perylene	26.293	276	9109	0.09	ng		93

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

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