Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016605.D
Acq On : 30 Sep 2021 18:33
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN100121

Quant Time: Sep 30 19:05:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 17:56:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	28968	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	127512	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	65808	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	119662	0.40	ng		0.00
29) Chrysene-d12	21.238	240	110028	0.40	ng		0.00
35) Perylene-d12	23.484	264	113458	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	27181	0.37	ng		0.00
5) Phenol-d6	6.822	99	28865	0.36	ng		0.00
8) Nitrobenzene-d5	8.784	82	27231	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	70286	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	9538	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	100177	0.38	ng		0.00
27) Fluoranthene-d10	19.068	212	116547	0.37	ng		0.00
31) Terphenyl-d14	19.678	244	96433	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	5117	0.38	ng	#	80
3) n-Nitrosodimethylamine	3.576	42	7736	0.36	ng		100
6) bis(2-Chloroethyl)ether	7.080	93	29785	0.38	ng		100
9) Naphthalene	10.457	128	129143	0.37	ng		100
10) Hexachlorobutadiene	10.749	225	24381	0.37	ng	#	100
12) 2-Methylnaphthalene	12.078	142	83736	0.38	ng		100
16) Acenaphthylene	13.990	152	101393	0.35	ng		100
17) Acenaphthene	14.332	154	71816	0.37	ng		100
18) Fluorene	15.322	166	85622	0.37	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	3222	0.34	ng		99
21) 4-Bromophenyl-phenylether	16.226	248	27063	0.36	ng		99
22) Hexachlorobenzene	16.336	284	32729	0.38	ng		99
23) Atrazine	16.506	200	16848	0.31	ng		99
24) Pentachlorophenol	16.677	266	8962	0.31	ng		99
25) Phenanthrene	17.066	178	135072	0.38	ng		100
26) Anthracene	17.151	178	110191	0.35	ng		100
28) Fluoranthene	19.098	202	145618	0.37	ng		100
30) Pyrene	19.460	202	144302	0.41	ng		100
32) Benzo(a)anthracene	21.217	228	130059	0.39	ng		99
33) Chrysene	21.270	228	141224	0.41	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	45675	0.34	ng		100
36) Indeno(1,2,3-cd)pyrene	25.764	276	162752	0.40	ng		99
37) Benzo(b)fluoranthene	22.807	252	138850	0.38	ng		100
38) Benzo(k)fluoranthene	22.855	252	144170	0.40	ng	#	98
39) Benzo(a)pyrene	23.385	252	126028	0.39	ng		100
40) Dibenzo(a,h)anthracene	25.785	278	130796	0.40	ng		98
41) Benzo(g,h,i)perylene	26.459	276	141545	0.40	ng		100

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

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