Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016705.D
Acq On : 03 Oct 2021 13:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 04 03:38:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.643	152	29673	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	134574	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	75460	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	145804	0.40	ng		0.00
29) Chrysene-d12	21.238	240	142933	0.40	ng		0.00
35) Perylene-d12	23.488	264	100169	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.264	112	30140	0.40	ng		0.00
5) Phenol-d6	6.822	99	34050	0.41	ng		0.00
8) Nitrobenzene-d5	8.785	82	35835	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	76494	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	15556	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	107323	0.35	ng		-0.01
27) Fluoranthene-d10	19.068	212	158405	0.41	ng		0.00
31) Terphenyl-d14	19.679	244	132077	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	3696	0.27	ng	#	88
3) n-Nitrosodimethylamine	3.595	42	8560	0.39	ng		97
6) bis(2-Chloroethyl)ether	7.080	93	32312	0.40	ng		97
9) Naphthalene	10.458	128	134000	0.37	ng		100
10) Hexachlorobutadiene	10.749	225	26290	0.38	ng	#	100
12) 2-Methylnaphthalene	12.079	142	90569	0.39	ng		99
16) Acenaphthylene	13.990	152	124155	0.38	ng		100
17) Acenaphthene	14.332	154	81002	0.36	ng		100
18) Fluorene	15.322	166	100698	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	465	0.16	ng	#	62
21) 4-Bromophenyl-phenylether	16.227	248	33336	0.37	ng		96
22) Hexachlorobenzene	16.336	284	38138	0.36	ng		98
23) Atrazine	16.507	200	27444	0.42	ng		100
24) Pentachlorophenol	16.677	266	17537	0.51	ng		100
25) Phenanthrene	17.066	178	158528	0.36	ng		100
26) Anthracene	17.152	178	147246	0.39	ng		100
28) Fluoranthene	19.098	202	188965	0.40	ng		100
30) Pyrene	19.460	202	196061	0.42	ng		100
32) Benzo(a)anthracene	21.217	228	186159	0.42	ng		100
33) Chrysene	21.270	228	178385	0.40	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	132854	0.76	ng		100
36) Indeno(1,2,3-cd)pyrene	25.768	276	84112	0.24	ng		98
37) Benzo(b)fluoranthene	22.810	252	154455	0.48	ng		99
38) Benzo(k)fluoranthene	22.855	252	144876	0.46	ng	#	97
39) Benzo(a)pyrene	23.389	252	118515	0.41	ng		98
40) Dibenzo(a,h)anthracene	25.792	278	72305	0.25	ng		96
41) Benzo(g,h,i)perylene	26.466	276	61509	0.19	ng		98

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

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