Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016951.D
Acq On : 14 Oct 2021 15:09
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Oct 14 15:43:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 14:27:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	18227	0.40	ng		0.00
7) Naphthalene-d8	10.381	136	78673	0.40	ng		0.00
13) Acenaphthene-d10	14.243	164	42146	0.40	ng		0.00
19) Phenanthrene-d10	16.993	188	77961	0.40	ng		0.00
29) Chrysene-d12	21.196	240	80486	0.40	ng		0.00
35) Perylene-d12	23.426	264	76816	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.217	112	76611	1.85	ng		0.00
5) Phenol-d6	6.794	99	86591	1.88	ng		0.00
8) Nitrobenzene-d5	8.759	82	87429	1.75	ng		0.00
11) 2-Methylnaphthalene-d10	11.972	152	188119	1.71	ng		0.00
14) 2,4,6-Tribromophenol	15.741	330	35435	1.85	ng		0.00
15) 2-Fluorobiphenyl	12.860	172	263752	1.65	ng		0.00
27) Fluoranthene-d10	19.028	212	346163	1.77	ng		0.00
31) Terphenyl-d14	19.644	244	297173	1.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.207	88	19245	1.58	ng	#	51
3) n-Nitrosodimethylamine	3.530	42	25549	1.83	ng		98
6) bis(2-Chloroethyl)ether	7.052	93	84077	1.70	ng		100
9) Naphthalene	10.432	128	348094	1.70	ng		100
10) Hexachlorobutadiene	10.711	225	66181	1.64	ng	#	100
12) 2-Methylnaphthalene	12.047	142	220493	1.70	ng		100
16) Acenaphthylene	13.952	152	311669	1.82	ng		100
17) Acenaphthene	14.307	154	197482	1.69	ng		99
18) Fluorene	15.296	166	242067	1.73	ng		99
20) 4,6-Dinitro-2-methylph...	15.385	198	22201	2.33	ng	#	87
21) 4-Bromophenyl-phenylether	16.190	248	81131	1.78	ng		98
22) Hexachlorobenzene	16.300	284	89309	1.69	ng		100
23) Atrazine	16.470	200	59745	2.09	ng		99
24) Pentachlorophenol	16.640	266	32758	1.83	ng		100
25) Phenanthrene	17.030	178	371997	1.68	ng		100
26) Anthracene	17.127	178	343821	1.82	ng		100
28) Fluoranthene	19.058	202	425711	1.78	ng		100
30) Pyrene	19.425	202	426743	1.67	ng		100
32) Benzo(a)anthracene	21.185	228	431933	1.78	ng		97
33) Chrysene	21.227	228	431642	1.65	ng		100
34) Bis(2-ethylhexyl)phtha...	21.132	149	212805	1.99	ng		100
36) Indeno(1,2,3-cd)pyrene	25.672	276	489372	1.68	ng		100
37) Benzo(b)fluoranthene	22.755	252	446783	1.82	ng		100
38) Benzo(k)fluoranthene	22.800	252	427900	1.75	ng		99
39) Benzo(a)pyrene	23.327	252	394832	1.76	ng		99
40) Dibenzo(a,h)anthracene	25.692	278	398343	1.69	ng		100
41) Benzo(g,h,i)perylene	26.363	276	429653	1.70	ng		100

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

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