Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016713.D
Acq On : 04 Oct 2021 16:31
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Oct 04 17:03:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 15:14:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	26412	0.40	ng		0.00
7) Naphthalene-d8	10.406	136	107953	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	57064	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	103370	0.40	ng		0.00
29) Chrysene-d12	21.238	240	99772	0.40	ng		0.00
35) Perylene-d12	23.495	264	103120	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	215889	3.21	ng		0.00
5) Phenol-d6	6.822	99	247399	3.36	ng		0.00
8) Nitrobenzene-d5	8.784	82	265776	3.78	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	518678	3.25	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	101616	3.91	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	723836	3.13	ng		0.00
27) Fluoranthene-d10	19.073	212	951769	3.46	ng		0.00
31) Terphenyl-d14	19.683	244	767146	3.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	40706	3.35	ng	#	69
3) n-Nitrosodimethylamine	3.576	42	68610	3.52	ng		99
6) bis(2-Chloroethyl)ether	7.080	93	224051	3.13	ng		99
9) Naphthalene	10.457	128	935126	3.19	ng		100
10) Hexachlorobutadiene	10.749	225	177690	3.23	ng	#	100
12) 2-Methylnaphthalene	12.083	142	590433	3.15	ng		99
16) Acenaphthylene	13.989	152	878102	3.52	ng		100
17) Acenaphthene	14.332	154	543991	3.24	ng		99
18) Fluorene	15.334	166	661906	3.33	ng		99
20) 4,6-Dinitro-2-methylph...	15.410	198	48334	4.04	ng	#	56
21) 4-Bromophenyl-phenylether	16.226	248	218727	3.41	ng		98
22) Hexachlorobenzene	16.336	284	239343	3.22	ng		100
23) Atrazine	16.506	200	184234	3.95	ng		98
24) Pentachlorophenol	16.677	266	97611	3.97	ng		99
25) Phenanthrene	17.066	178	1007542	3.24	ng		100
26) Anthracene	17.163	178	941037	3.50	ng		100
28) Fluoranthene	19.102	202	1096781	3.27	ng		100
30) Pyrene	19.465	202	1148724	3.56	ng		100
32) Benzo(a)anthracene	21.217	228	1122119	3.66	ng		100
33) Chrysene	21.270	228	1097528	3.54	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	708179	5.80	ng		100
36) Indeno(1,2,3-cd)pyrene	25.778	276	1257539	3.42	ng		100
37) Benzo(b)fluoranthene	22.817	252	1163040	3.51	ng		99
38) Benzo(k)fluoranthene	22.861	252	1121425	3.42	ng		99
39) Benzo(a)pyrene	23.392	252	1071702	3.63	ng		99
40) Dibenzo(a,h)anthracene	25.802	278	1019447	3.43	ng		99
41) Benzo(g,h,i)perylene	26.479	276	1103252	3.39	ng		99

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

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