Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
Data File : BN013742.D
Acq On : 24 Feb 2021 19:42
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Feb 24 21:24:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 21:22:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152	5024	0.40	ng		0.00
7) Naphthalene-d8	10.530	136	18583	0.40	ng	#	0.00
13) Acenaphthene-d10	14.384	164	10994	0.40	ng		0.00
19) Phenanthrene-d10	17.128	188	24062	0.40	ng		0.00
29) Chrysene-d12	21.311	240	25167	0.40	ng	#	0.00
36) Perylene-d12	23.558	264	25156	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.333	112	21342	1.96	ng		0.00
5) Phenol-d6	6.903	99	28252	2.08	ng		0.00
8) Nitrobenzene-d5	8.883	82	18977	1.84	ng		0.00
11) 2-Methylnaphthalene-d10	12.124	152	49050	1.69	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	7255	2.31	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	63258	1.53	ng		-0.01
27) Fluoranthene-d10	19.161	212	116000	1.79	ng		0.00
31) Terphenyl-d14	19.766	244	89791	1.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	9576	1.70	ng		98
3) n-Nitrosodimethylamine	3.577	42	8162	1.99	ng		97
6) bis(2-Chloroethyl)ether	7.177	93	20897	1.72	ng		97
9) Naphthalene	10.581	128	75404	1.65	ng		100
10) Hexachlorobutadiene	10.872	225	14467	1.91	ng	#	99
12) 2-Methylnaphthalene	12.200	142	52512	1.68	ng		99
16) Acenaphthylene	14.092	152	81136	1.92	ng		100
17) Acenaphthene	14.448	154	50602	1.67	ng		99
18) Fluorene	15.437	166	64747	1.70	ng		100
20) 4,6-Dinitro-2-methylph...	15.501	198	3058	1.30	ng	#	78
21) 4-Bromophenyl-phenylether	16.325	248	21667	1.82	ng		93
22) Hexachlorobenzene	16.434	284	22698	1.73	ng		98
23) Atrazine	16.592	200	20041	2.63	ng	#	91
24) Pentachlorophenol	16.775	266	7815	2.90	ng		95
25) Phenanthrene	17.164	178	103037	1.57	ng		100
26) Anthracene	17.262	178	101758	1.89	ng		100
28) Fluoranthene	19.191	202	123434	1.72	ng		100
30) Pyrene	19.553	202	126908	1.68	ng		100
32) Benzo(a)anthracene	21.290	228	128069	1.91	ng		97
33) Chrysene	21.343	228	124352	1.62	ng		99
34) Bis(2-ethylhexyl)phtha...	21.247	149	57954	2.93	ng		100
35) Indeno(1,2,3-cd)pyrene	25.831	276	148710	1.85	ng		98
37) Benzo(b)fluoranthene	22.884	252	134415	1.54	ng	#	92
38) Benzo(k)fluoranthene	22.929	252	127373	1.44	ng	#	91
39) Benzo(a)pyrene	23.462	252	120094	1.62	ng	#	88
40) Dibenzo(a,h)anthracene	25.855	278	125637	1.58	ng		96
41) Benzo(g,h,i)perylene	26.519	276	127111	1.52	ng		97

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

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