Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010721\
Data File : BN013346.D
Acq On : 07 Jan 2021 12:54
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
1/8/2021 4:41:33 PM

Quant Time: Jan 07 14:54:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 14:52:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	5714	0.40	ng		0.00
7) Naphthalene-d8	10.366	136	22096	0.40	ng		# 0.00
13) Acenaphthene-d10	14.232	164	12520	0.40	ng		0.00
19) Phenanthrene-d10	16.970	188	26883	0.40	ng		0.00
29) Chrysene-d12	21.184	240	27886	0.40	ng		# 0.00
36) Perylene-d12	23.367	264	27283	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	3503	0.15	ng		0.00
5) Phenol-d6	6.774	99	4371	0.21	ng		0.00
8) Nitrobenzene-d5	8.731	82	2898	0.12	ng		-0.01
11) 2-Methylnaphthalene-d10	11.960	152	7791	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.717	330	1006	0.12	ng		-0.01
15) 2-Fluorobiphenyl	12.849	172	10882	0.23	ng		0.00
27) Fluoranthene-d10	19.017	212	16719	0.20	ng		0.00
31) Terphenyl-d14	19.628	244	14390	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1627	0.07	ng		92
3) n-Nitrosodimethylamine	3.537	42	1217	0.07	ng	#	93
6) bis(2-Chloroethyl)ether	7.040	93	3470	0.24	ng		99
9) Naphthalene	10.416	128	13107	0.20	ng		99
10) Hexachlorobutadiene	10.708	225	2335	0.14	ng	#	100
12) 2-Methylnaphthalene	12.035	142	9077	0.21	ng		99
16) Acenaphthylene	13.940	152	10898	0.16	ng		99
17) Acenaphthene	14.296	154	8312	0.20	ng		100
18) Fluorene	15.285	166	10574	0.19	ng		99
20) 4,6-Dinitro-2-methylph...	15.361	198	579	0.11	ng	#	40
21) 4-Bromophenyl-phenylether	16.179	248	3278	0.36	ng		98
22) Hexachlorobenzene	16.288	284	3646	0.12	ng		98
23) Atrazine	16.459	200	1977	0.13	ng		99
24) Pentachlorophenol	16.629	266	1026	0.14	ng		99
25) Phenanthrene	17.018	178	17855	0.20	ng		100
26) Anthracene	17.104	178	14447	0.19	ng		99
28) Fluoranthene	19.047	202	20044	0.19	ng		99
30) Pyrene	19.409	202	20433	0.19	ng		100
32) Benzo(a)anthracene	21.162	228	19489	0.21	ng		97
33) Chrysene	21.215	228	22540	0.21	ng		98
34) Bis(2-ethylhexyl)phtha...	21.131	149	5828	0.11	ng		98
35) Indeno(1,2,3-cd)pyrene	25.540	276	23085	0.19	ng		99
37) Benzo(b)fluoranthene	22.713	252	22509	0.16	ng	#	94
38) Benzo(k)fluoranthene	22.761	252	21963m	0.19	ng		
39) Benzo(a)pyrene	23.271	252	17927	0.19	ng	#	92
40) Dibenzo(a,h)anthracene	25.564	278	19950	0.20	ng		96
41) Benzo(g,h,i)perylene	26.198	276	20621	0.18	ng		99

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

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