Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013140.D
Acq On : 15 Dec 2020 11:49
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
12/17/2020 11:04:10 AM

Quant Time: Dec 15 13:24:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 13:20:48 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.354	152	686	0.40	ng		0.00
7) Naphthalene-d8	10.125	136	2396	0.40	ng		# 0.01
13) Acenaphthene-d10	14.016	164	1497	0.40	ng		0.00
19) Phenanthrene-d10	16.787	188	3254	0.40	ng		# 0.01
29) Chrysene-d12	21.014	240	3332	0.40	ng		# 0.00
36) Perylene-d12	23.103	264	4033	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.970	112	639	0.26	ng		0.00
5) Phenol-d6	6.557	99	548	0.19	ng		0.00
8) Nitrobenzene-d5	8.528	82	430	0.17	ng		0.01
11) 2-Methylnaphthalene-d10	11.733	152	766	0.18	ng		0.00
14) 2,4,6-Tribromophenol	15.539	330	176	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.633	172	1171	0.18	ng		0.00
27) Fluoranthene-d10	18.828	212	2101	0.19	ng		0.00
31) Terphenyl-d14	19.449	244	1706	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.941	88	238	0.15	ng	#	82
3) n-Nitrosodimethylamine	3.279	42	405	0.22	ng	#	84
6) bis(2-Chloroethyl)ether	6.806	93	333	0.17	ng	#	88
9) Naphthalene	10.163	128	1465	0.20	ng	#	82
10) Hexachlorobutadiene	10.442	225	320	0.20	ng	#	99
12) 2-Methylnaphthalene	11.813	142	936	0.19	ng	#	89
16) Acenaphthylene	13.737	152	1510	0.19	ng		98
17) Acenaphthene	14.080	154	990	0.20	ng		91
18) Fluorene	15.082	166	1251	0.19	ng		99
20) 4,6-Dinitro-2-methylph...	15.234	198	82	0.13	ng	#	1
21) 4-Bromophenyl-phenylether	16.008	248	309	0.41	ng		93
22) Hexachlorobenzene	16.093	284	415	0.17	ng	#	87
23) Atrazine	16.276	200	392	0.20	ng	#	84
24) Pentachlorophenol	16.458	266	158	0.16	ng		95
25) Phenanthrene	16.824	178	1968	0.18	ng		98
26) Anthracene	16.921	178	1726	0.18	ng		99
28) Fluoranthene	18.858	202	2509	0.19	ng	#	98
30) Pyrene	19.225	202	2589	0.21	ng		99
32) Benzo(a)anthracene	20.992	228	2115	0.17	ng		93
33) Chrysene	21.045	228	2550	0.20	ng		95
34) Bis(2-ethylhexyl)phtha...	20.939	149	2499	0.34	ng		97
35) Indeno(1,2,3-cd)pyrene	25.153	276	3362	0.20	ng	#	91
37) Benzo(b)fluoranthene	22.487	252	2538	0.17	ng	#	73
38) Benzo(k)fluoranthene	22.528	252	3165m	0.20	ng		
39) Benzo(a)pyrene	23.017	252	2646	0.18	ng	#	65
40) Dibenzo(a,h)anthracene	25.167	278	2889	0.18	ng	#	68
41) Benzo(g,h,i)perylene	25.776	276	3119	0.18	ng	#	87

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

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