Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017615.D
Acq On : 30 Nov 2021 16:23
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

Quant Time: Nov 30 17:29:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 16:26:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.773	152	24666	0.40	ng		0.00
7) Naphthalene-d8	10.547	136	98215	0.40	ng		# 0.00
13) Acenaphthene-d10	14.384	164	57321	0.40	ng		0.00
19) Phenanthrene-d10	17.128	188	113196	0.40	ng		0.00
29) Chrysene-d12	21.314	240	113747	0.40	ng		# 0.00
35) Perylene-d12	23.630	264	95884	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.366	112	95231	1.56	ng		0.00
5) Phenol-d6	6.943	99	103465	1.50	ng		0.00
8) Nitrobenzene-d5	8.912	82	84008	1.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.142	152	289213	1.77	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	51946	2.95	ng		-0.01
15) 2-Fluorobiphenyl	13.014	172	370370	1.73	ng		0.00
27) Fluoranthene-d10	19.159	212	625118	1.80	ng		0.00
31) Terphenyl-d14	19.764	244	421864	1.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	27936m	2.36	ng		
3) n-Nitrosodimethylamine	3.642	42	39757	1.63	ng		97
6) bis(2-Chloroethyl)ether	7.201	93	115450	1.64	ng		97
9) Naphthalene	10.598	128	407983	1.64	ng		100
10) Hexachlorobutadiene	10.902	225	110940	2.26	ng	#	100
12) 2-Methylnaphthalene	12.213	142	274039	1.71	ng		99
16) Acenaphthylene	14.105	152	395373	1.73	ng		100
17) Acenaphthene	14.448	154	257651	1.63	ng		98
18) Fluorene	15.437	166	325756	1.71	ng		99
20) 4,6-Dinitro-2-methylph...	15.513	198	14836	2.81	ng	#	90
21) 4-Bromophenyl-phenylether	16.325	248	122440	1.97	ng	#	70
22) Hexachlorobenzene	16.447	284	139294	2.07	ng	#	93
23) Atrazine	16.593	200	77101	1.87	ng		98
24) Pentachlorophenol	16.788	266	55206	2.72	ng		100
25) Phenanthrene	17.165	178	516806	1.63	ng		100
26) Anthracene	17.262	178	478802	1.77	ng		100
28) Fluoranthene	19.188	202	614575	1.75	ng		98
30) Pyrene	19.551	202	612947	1.59	ng		100
32) Benzo(a)anthracene	21.292	228	612379	1.73	ng		99
33) Chrysene	21.346	228	613033	1.62	ng		98
34) Bis(2-ethylhexyl)phtha...	21.239	149	162844	1.19	ng		96
36) Indeno(1,2,3-cd)pyrene	26.005	276	533499	1.82	ng		96
37) Benzo(b)fluoranthene	22.928	252	551906	1.58	ng		98
38) Benzo(k)fluoranthene	22.976	252	551742	1.63	ng	#	98
39) Benzo(a)pyrene	23.527	252	488149	1.70	ng	#	97
40) Dibenzo(a,h)anthracene	26.022	278	439777	1.83	ng		97
41) Benzo(g,h,i)perylene	26.727	276	443646	1.77	ng		96

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

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