Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
Data File : BN016024.D
Acq On : 24 Aug 2021 09:52
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
8/25/2021 4:40:06 PM

Quant Time: Aug 24 11:55:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 11:43:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.882	152	8426	0.400	ng		0.00
7) Naphthalene-d8	10.673	136	42070	0.400	ng		#-0.01
13) Acenaphthene-d10	14.510	164	18678	0.400	ng		0.00
19) Phenanthrene-d10	17.249	188	35480	0.400	ng		0.00
29) Chrysene-d12	21.440	240	36731	0.400	ng		0.00
35) Perylene-d12	23.840	264	34742	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	2046	0.093	ng		0.00
5) Phenol-d6	7.052	99	2846	0.093	ng		0.00
8) Nitrobenzene-d5	9.038	82	2305	0.055	ng		0.00
11) 2-Methylnaphthalene-d10	12.265	152	5917	0.095	ng		0.00
14) 2,4,6-Tribromophenol	15.994	330	492	0.074	ng		0.00
15) 2-Fluorobiphenyl	13.139	172	9705	0.114	ng		0.00
27) Fluoranthene-d10	19.286	212	8735	0.085	ng		0.00
31) Terphenyl-d14	19.882	244	9891	0.117	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.392	88	449	0.125	ng	#	80
3) n-Nitrosodimethylamine	3.779	42	548	0.093	ng	#	95
6) bis(2-Chloroethyl)ether	7.310	93	2487	0.097	ng		99
9) Naphthalene	10.723	128	12181	0.105	ng		99
10) Hexachlorobutadiene	11.015	225	2585	0.104	ng	#	99
12) 2-Methylnaphthalene	12.341	142	7148	0.098	ng		99
16) Acenaphthylene	14.231	152	5952	0.067	ng		100
17) Acenaphthene	14.573	154	5756	0.099	ng		97
18) Fluorene	15.550	166	6691	0.096	ng		100
20) 4,6-Dinitro-2-methylph...	15.639	198	132	0.045	ng	#	41
21) 4-Bromophenyl-phenylether	16.445	248	1750	0.084	ng		98
22) Hexachlorobenzene	16.567	284	2862	0.105	ng		99
23) Atrazine	16.713	200	754	0.070	ng	#	90
25) Phenanthrene	17.297	178	11260	0.101	ng		100
26) Anthracene	17.383	178	7491	0.079	ng		99
28) Fluoranthene	19.316	202	10943	0.086	ng		99
30) Pyrene	19.678	202	10925	0.098	ng		100
32) Benzo(a)anthracene	21.429	228	11030	0.094	ng		99
33) Chrysene	21.482	228	13517	0.110	ng		100
34) Bis(2-ethylhexyl)phtha...	21.355	149	2951	0.075	ng		99
36) Indeno(1,2,3-cd)pyrene	26.312	276	14471	0.096	ng	#	91
37) Benzo(b)fluoranthene	23.108	252	13895m	0.105	ng		
38) Benzo(k)fluoranthene	23.156	252	13401	0.107	ng	#	92
39) Benzo(a)pyrene	23.734	252	11398	0.097	ng	#	69
40) Dibenzo(a,h)anthracene	26.336	278	11737	0.094	ng	#	96
41) Benzo(g,h,i)perylene	27.075	276	12242	0.097	ng		97

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

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