Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021242.D
Acq On : 15 Aug 2022 19:17
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Aug 16 05:52:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 05:49:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.783	152	2661	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	8133	0.400	ng		#-0.01
13) Acenaphthene-d10	14.429	164	5443	0.400	ng		0.00
19) Phenanthrene-d10	17.182	188	10367	0.400	ng		0.00
29) Chrysene-d12	21.386	240	7797	0.400	ng		# 0.00
35) Perylene-d12	23.717	264	5599	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.364	112	12477	1.756	ng		-0.01
5) Phenol-d6	6.967	99	14323	1.718	ng		-0.01
8) Nitrobenzene-d5	8.937	82	10595	1.557	ng		-0.02
11) 2-Methylnaphthalene-d10	12.176	152	25117	1.814	ng		0.00
14) 2,4,6-Tribromophenol	15.931	330	3014	1.541	ng		-0.01
15) 2-Fluorobiphenyl	13.050	172	38701	1.776	ng		-0.01
27) Fluoranthene-d10	19.219	212	50173	1.651	ng		0.00
31) Terphenyl-d14	19.826	244	34172	1.794	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	6425	1.811	ng		97
3) n-Nitrosodimethylamine	3.566	42	6460	2.278	ng	#	98
6) bis(2-Chloroethyl)ether	7.206	93	12742	1.772	ng		97
9) Naphthalene	10.624	128	40477	1.659	ng		99
10) Hexachlorobutadiene	10.923	225	7103	1.601	ng	#	100
12) 2-Methylnaphthalene	12.247	142	31958	2.002	ng		99
16) Acenaphthylene	14.151	152	45555	1.745	ng		100
17) Acenaphthene	14.493	154	30071	1.695	ng		100
18) Fluorene	15.476	166	38477	1.682	ng		100
20) 4,6-Dinitro-2-methylph...	15.583	198	1974	1.661	ng	#	57
21) 4-Bromophenyl-phenylether	16.372	248	11144	1.877	ng		98
22) Hexachlorobenzene	16.495	284	12057	1.791	ng		98
23) Atrazine	16.649	200	6797	1.471	ng		96
24) Pentachlorophenol	16.854	266	2831	1.752	ng		97
25) Phenanthrene	17.223	178	59705	1.730	ng		100
26) Anthracene	17.316	178	50442	1.693	ng		99
28) Fluoranthene	19.252	202	65932	1.748	ng		99
30) Pyrene	19.615	202	64830	1.899	ng		100
32) Benzo(a)anthracene	21.368	228	43952	1.633	ng		98
33) Chrysene	21.422	228	53100	1.707	ng		100
34) Bis(2-ethylhexyl)phtha...	21.305	149	24874	1.581	ng		100
36) Indeno(1,2,3-cd)pyrene	26.111	276	41212	1.667	ng		96
37) Benzo(b)fluoranthene	23.006	252	40387	1.869	ng	#	91
38) Benzo(k)fluoranthene	23.053	252	42014	1.849	ng		93
39) Benzo(a)pyrene	23.612	252	33044	1.776	ng	#	82
40) Dibenzo(a,h)anthracene	26.129	278	32230	1.632	ng		91
41) Benzo(g,h,i)perylene	26.845	276	35971	1.649	ng		97

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

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