Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019174.D
Acq On : 26 Mar 2022 03:09
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

Quant Time: Mar 26 04:26:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	4987	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	13653	0.400	ng	#	0.00
13) Acenaphthene-d10	14.485	164	8011	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	16784	0.400	ng	#	0.00
29) Chrysene-d12	21.413	240	12484	0.400	ng	#	0.00
35) Perylene-d12	23.782	264	10608	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	4465	0.379	ng		0.00
5) Phenol-d6	7.002	99	4727	0.350	ng		0.00
8) Nitrobenzene-d5	9.003	82	3473m	0.328	ng		0.01
11) 2-Methylnaphthalene-d10	12.238	152	7779	0.356	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1319	0.339	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	12013	0.357	ng		0.00
27) Fluoranthene-d10	19.257	212	18049	0.368	ng		0.00
31) Terphenyl-d14	19.856	244	10178	0.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2392	0.360	ng		99
3) n-Nitrosodimethylamine	3.564	42	2535	0.342	ng		98
6) bis(2-Chloroethyl)ether	7.262	93	5107	0.351	ng		97
9) Naphthalene	10.690	128	13893	0.361	ng		99
10) Hexachlorobutadiene	10.989	225	3238	0.375	ng	#	99
12) 2-Methylnaphthalene	12.314	142	9041	0.358	ng		99
16) Acenaphthylene	14.196	152	12809	0.350	ng		100
17) Acenaphthene	14.549	154	9319	0.360	ng		99
18) Fluorene	15.532	166	11951	0.363	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	700	0.256	ng	#	81
21) 4-Bromophenyl-phenylether	16.415	248	3900	0.358	ng	#	87
22) Hexachlorobenzene	16.538	284	4993	0.387	ng		99
23) Atrazine	16.682	200	2486	0.329	ng		98
24) Pentachlorophenol	16.887	266	1548m	0.335	ng		
25) Phenanthrene	17.267	178	19612	0.364	ng		100
26) Anthracene	17.359	178	15378	0.344	ng		99
28) Fluoranthene	19.287	202	22296	0.366	ng		100
30) Pyrene	19.649	202	22841	0.387	ng		100
32) Benzo(a)anthracene	21.396	228	13393	0.334	ng		100
33) Chrysene	21.449	228	19812	0.385	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	8765	0.359	ng		99
36) Indeno(1,2,3-cd)pyrene	26.235	276	14643m	0.345	ng		
37) Benzo(b)fluoranthene	23.063	252	13712m	0.340	ng		
38) Benzo(k)fluoranthene	23.106	252	17427	0.341	ng		94
39) Benzo(a)pyrene	23.679	252	12962	0.376	ng	#	85
40) Dibenzo(a,h)anthracene	26.252	278	11063	0.346	ng	#	91
41) Benzo(g,h,i)perylene	26.977	276	15144	0.347	ng		99

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

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