Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017358.D
Acq On : 09 Nov 2021 20:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 10 11:21:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 10 11:00:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152	29522	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	135209	0.400	ng		0.01
13) Acenaphthene-d10	14.181	164	73052	0.400	ng		0.00
19) Phenanthrene-d10	16.934	188	136994	0.400	ng		0.00
29) Chrysene-d12	21.144	240	133117	0.400	ng		0.01
35) Perylene-d12	23.335	264	125668	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	29171	0.429	ng		0.00
5) Phenol-d6	6.740	99	32597	0.435	ng		0.00
8) Nitrobenzene-d5	8.697	82	36293	0.447	ng		0.01
11) 2-Methylnaphthalene-d10	11.911	152	80973	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	10518	0.386	ng		0.00
15) 2-Fluorobiphenyl	12.811	172	117595	0.423	ng		0.01
27) Fluoranthene-d10	18.975	212	146198	0.419	ng		0.00
31) Terphenyl-d14	19.590	244	126251	0.426	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.144	88	7385m	0.447	ng		
3) n-Nitrosodimethylamine	3.476	42	11547	0.455	ng		100
6) bis(2-Chloroethyl)ether	6.989	93	34052	0.431	ng		100
9) Naphthalene	10.357	128	147759	0.415	ng		100
10) Hexachlorobutadiene	10.649	225	28554	0.409	ng	#	100
12) 2-Methylnaphthalene	11.986	142	96822	0.413	ng		100
16) Acenaphthylene	13.902	152	124381	0.418	ng		100
17) Acenaphthene	14.245	154	85299	0.416	ng		99
18) Fluorene	15.234	166	102617	0.419	ng		100
20) 4,6-Dinitro-2-methylph...	15.336	198	1978	0.301	ng		95
21) 4-Bromophenyl-phenylether	16.143	248	31839	0.415	ng	#	61
22) Hexachlorobenzene	16.240	284	35679	0.415	ng		100
23) Atrazine	16.423	200	21604	0.417	ng		99
24) Pentachlorophenol	16.593	266	10393	0.464	ng		100
25) Phenanthrene	16.970	178	164307	0.419	ng		100
26) Anthracene	17.068	178	135895	0.416	ng		100
28) Fluoranthene	19.005	202	182044	0.430	ng		100
30) Pyrene	19.367	202	179393	0.417	ng		100
32) Benzo(a)anthracene	21.123	228	168151	0.416	ng		100
33) Chrysene	21.176	228	178802	0.416	ng		100
34) Bis(2-ethylhexyl)phtha...	21.080	149	66477	0.466	ng		99
36) Indeno(1,2,3-cd)pyrene	25.543	276	176139	0.400	ng		100
37) Benzo(b)fluoranthene	22.678	252	171476	0.417	ng		100
38) Benzo(k)fluoranthene	22.719	252	171679	0.418	ng		99
39) Benzo(a)pyrene	23.239	252	151036	0.415	ng		99
40) Dibenzo(a,h)anthracene	25.563	278	141568	0.400	ng		100
41) Benzo(g,h,i)perylene	26.217	276	149079	0.391	ng		100

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

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