Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033053.D
Acq On : 28 Jul 2024 03:28
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:12:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.532	152	2466	0.400	ng	# 0.00
7) Naphthalene-d8	10.319	136	10969	0.400	ng	# 0.02
13) Acenaphthene-d10	14.169	164	7500	0.400	ng	0.00
19) Phenanthrene-d10	16.945	188	16525	0.400	ng	0.00
29) Chrysene-d12	21.151	240	14540	0.400	ng	-0.01
35) Perylene-d12	23.347	264	15229	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	3491m	0.560	ng	0.05
5) Phenol-d6	6.882	99	4101m	0.530	ng	0.10
8) Nitrobenzene-d5	8.845	82	2797m	0.339	ng	0.11
11) 2-Methylnaphthalene-d10	11.935	152	6520	0.389	ng	0.02
14) 2,4,6-Tribromophenol	15.729	330	1002	0.313	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	10287	0.368	ng	0.00
27) Fluoranthene-d10	18.987	212	16234	0.380	ng	0.00
31) Terphenyl-d14	19.591	244	10415	0.349	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1672	0.547	ng	# 86
3) n-Nitrosodimethylamine	3.473	42	1307	0.506	ng	# 86
6) bis(2-Chloroethyl)ether	7.041	93	2886m	0.446	ng	
9) Naphthalene	10.372	128	11888	0.391	ng	98
10) Hexachlorobutadiene	10.564	225	2181	0.376	ng	# 98
12) 2-Methylnaphthalene	12.014	142	7300	0.368	ng	95
16) Acenaphthylene	13.891	152	11445	0.375	ng	99
17) Acenaphthene	14.233	154	8511	0.394	ng	99
18) Fluorene	15.238	166	11292	0.391	ng	100
20) 4,6-Dinitro-2-methylph...	15.555	198	309m	0.379	ng	
21) 4-Bromophenyl-phenylether	16.138	248	3444	0.355	ng	95
22) Hexachlorobenzene	16.237	284	3746	0.345	ng	93
23) Atrazine	16.436	200	2599	0.363	ng	96
24) Pentachlorophenol	16.647	266	990	0.245	ng	99
25) Phenanthrene	16.982	178	16307	0.361	ng	99
26) Anthracene	17.094	178	10721	0.288	ng	99
28) Fluoranthene	19.020	202	20661	0.378	ng	100
30) Pyrene	19.387	202	21746	0.366	ng	99
32) Benzo(a)anthracene	21.143	228	15243	0.332	ng	98
33) Chrysene	21.196	228	23055	0.422	ng	100
34) Bis(2-ethylhexyl)phtha...	21.026	149	14134m	0.555	ng	
36) Indeno(1,2,3-cd)pyrene	25.560	276	21243	0.354	ng	98
37) Benzo(b)fluoranthene	22.689	252	18582	0.350	ng	97
38) Benzo(k)fluoranthene	22.733	252	23454	0.387	ng	97
39) Benzo(a)pyrene	23.262	252	17317	0.362	ng	96
40) Dibenzo(a,h)anthracene	25.563	278	16618	0.350	ng	99
41) Benzo(g,h,i)perylene	26.238	276	19089	0.363	ng	98

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

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