Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033671.D
Acq On : 29 Aug 2024 16:09
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 29 23:23:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:20:50 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	4906	0.400	ng	0.00
7) Naphthalene-d8	10.293	136	12858	0.400	ng	0.00
13) Acenaphthene-d10	14.167	164	6053	0.400	ng	0.00
19) Phenanthrene-d10	16.917	188	11978	0.400	ng	0.00
29) Chrysene-d12	21.130	240	8971	0.400	ng	# 0.00
35) Perylene-d12	23.288	264	9468	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	1517	0.097	ng	0.00
5) Phenol-d6	6.714	99	1785	0.096	ng	0.00
8) Nitrobenzene-d5	8.659	82	1097	0.103	ng	0.00
11) 2-Methylnaphthalene-d10	11.888	152	1809	0.098	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	273	0.084	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	2568	0.104	ng	0.00
27) Fluoranthene-d10	18.956	212	2868	0.100	ng	0.00
31) Terphenyl-d14	19.574	244	1923	0.094	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	640	0.113	ng	# 89
3) n-Nitrosodimethylamine	3.472	42	677	0.103	ng	# 96
6) bis(2-Chloroethyl)ether	6.967	93	1377	0.105	ng	98
9) Naphthalene	10.336	128	3436	0.100	ng	95
10) Hexachlorobutadiene	10.635	225	732	0.107	ng	# 98
12) 2-Methylnaphthalene	11.960	142	2087	0.096	ng	97
16) Acenaphthylene	13.879	152	2461	0.093	ng	98
17) Acenaphthene	14.231	154	1827	0.098	ng	98
18) Fluorene	15.226	166	2191	0.093	ng	99
20) 4,6-Dinitro-2-methylph...	15.311	198	155	0.083	ng	# 38
21) 4-Bromophenyl-phenylether	16.123	248	668	0.092	ng	# 91
22) Hexachlorobenzene	16.234	284	798	0.099	ng	98
23) Atrazine	16.408	200	532	0.092	ng	90
24) Pentachlorophenol	16.569	266	482	0.138	ng	96
25) Phenanthrene	16.954	178	3309	0.099	ng	99
26) Anthracene	17.041	178	2739	0.093	ng	98
28) Fluoranthene	18.989	202	3570	0.097	ng	99
30) Pyrene	19.351	202	3716	0.093	ng	99
32) Benzo(a)anthracene	21.112	228	3175	0.098	ng	97
33) Chrysene	21.166	228	3244	0.101	ng	98
34) Bis(2-ethylhexyl)phtha...	21.068	149	2312m	0.113	ng	
36) Indeno(1,2,3-cd)pyrene	25.428	276	3952	0.101	ng	100
37) Benzo(b)fluoranthene	22.645	252	3555	0.101	ng	# 66
38) Benzo(k)fluoranthene	22.692	252	3365	0.097	ng	# 60
39) Benzo(a)pyrene	23.195	252	2820	0.096	ng	# 53
40) Dibenzo(a,h)anthracene	25.449	278	3144	0.100	ng	# 78
41) Benzo(g,h,i)perylene	26.080	276	3524	0.105	ng	# 89

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

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