Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072924\
Data File : BN033067.D
Acq On : 29 Jul 2024 13:16
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 14:03:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 10:37:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	2145m	0.400	ng	0.02
7) Naphthalene-d8	10.351	136	6903	0.400	ng	# 0.02
13) Acenaphthene-d10	14.176	164	4913	0.400	ng	0.00
19) Phenanthrene-d10	16.964	188	9444	0.400	ng	0.00
29) Chrysene-d12	21.167	240	9857	0.400	ng	0.00
35) Perylene-d12	23.359	264	10536	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.271	112	1562	0.288	ng	0.03
5) Phenol-d6	6.954	99	2150	0.319	ng	0.05
8) Nitrobenzene-d5	8.910	82	1707	0.328	ng	0.05
11) 2-Methylnaphthalene-d10	11.973	152	4118m	0.390	ng	0.03
14) 2,4,6-Tribromophenol	15.748	330	579	0.276	ng	0.00
15) 2-Fluorobiphenyl	12.839	172	5926	0.324	ng	0.02
27) Fluoranthene-d10	18.994	212	9922	0.406	ng	0.00
31) Terphenyl-d14	19.598	244	6441	0.319	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1038	0.391	ng	# 89
3) n-Nitrosodimethylamine	3.473	42	797	0.355	ng	# 87
6) bis(2-Chloroethyl)ether	7.062	93	1341	0.238	ng	# 80
9) Naphthalene	10.415	128	6681	0.349	ng	# 92
10) Hexachlorobutadiene	10.565	225	1272	0.348	ng	# 99
12) 2-Methylnaphthalene	12.041	142	3800	0.304	ng	# 92
16) Acenaphthylene	13.908	152	6586	0.330	ng	99
17) Acenaphthene	14.240	154	4954	0.350	ng	99
18) Fluorene	15.256	166	6629	0.350	ng	97
20) 4,6-Dinitro-2-methylph...	15.587	198	160	0.371	ng	# 1
21) 4-Bromophenyl-phenylether	16.158	248	1969	0.355	ng	93
22) Hexachlorobenzene	16.244	284	2223	0.358	ng	# 91
23) Atrazine	16.443	200	1524	0.373	ng	93
24) Pentachlorophenol	16.666	266	521	0.226	ng	97
25) Phenanthrene	17.002	178	8235	0.319	ng	99
26) Anthracene	17.126	178	5731	0.270	ng	97
28) Fluoranthene	19.027	202	12621	0.404	ng	99
30) Pyrene	19.394	202	13334	0.331	ng	99
32) Benzo(a)anthracene	21.158	228	8162	0.262	ng	99
33) Chrysene	21.203	228	15132	0.408	ng	100
34) Bis(2-ethylhexyl)phtha...	21.024	149	10239	0.593	ng	# 91
36) Indeno(1,2,3-cd)pyrene	25.581	276	13655	0.329	ng	100
37) Benzo(b)fluoranthene	22.701	252	11080	0.302	ng	96
38) Benzo(k)fluoranthene	22.745	252	14208	0.339	ng	96
39) Benzo(a)pyrene	23.277	252	11216	0.339	ng	92
40) Dibenzo(a,h)anthracene	25.581	278	10597	0.323	ng	92
41) Benzo(g,h,i)perylene	26.257	276	10863	0.299	ng	95

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

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