Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035525.D
Acq On : 10 Dec 2024 09:33
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

Quant Time: Dec 10 12:27:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.293	152	2237	0.400	ng		-0.01
7) Naphthalene-d8	10.041	136	6161	0.400	ng		#-0.01
13) Acenaphthene-d10	13.957	164	4478	0.400	ng		-0.01
19) Phenanthrene-d10	16.723	188	11122	0.400	ng		#-0.01
29) Chrysene-d12	20.965	240	9383	0.400	ng		0.00
35) Perylene-d12	23.059	264	8820	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.953	112	2331	0.416	ng		-0.01
5) Phenol-d6	6.499	99	2854	0.424	ng		-0.01
8) Nitrobenzene-d5	8.429	82	1583m	0.421	ng		-0.01
11) 2-Methylnaphthalene-d10	11.641	152	3832	0.397	ng		-0.02
14) 2,4,6-Tribromophenol	15.475	330	1114	0.350	ng		0.00
15) 2-Fluorobiphenyl	12.564	172	6697	0.396	ng		-0.01
27) Fluoranthene-d10	18.775	212	11062	0.351	ng		0.00
31) Terphenyl-d14	19.407	244	7824	0.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	855	0.400	ng		98
3) n-Nitrosodimethylamine	3.292	42	766	0.430	ng	#	97
6) bis(2-Chloroethyl)ether	6.744	93	2173	0.384	ng		99
9) Naphthalene	10.084	128	6356	0.391	ng		99
10) Hexachlorobutadiene	10.383	225	1563	0.417	ng	#	99
12) 2-Methylnaphthalene	11.717	142	4569	0.393	ng		98
16) Acenaphthylene	13.668	152	6981	0.371	ng		99
17) Acenaphthene	14.010	154	4775	0.382	ng		100
18) Fluorene	15.015	166	6863	0.384	ng		99
20) 4,6-Dinitro-2-methylph...	15.132	198	302	0.276	ng	#	80
21) 4-Bromophenyl-phenylether	15.929	248	2441	0.375	ng	#	88
22) Hexachlorobenzene	16.028	284	2985	0.391	ng		98
23) Atrazine	16.227	200	1581	0.341	ng		96
24) Pentachlorophenol	16.388	266	1026	0.309	ng		86
25) Phenanthrene	16.760	178	11604	0.380	ng		100
26) Anthracene	16.860	178	9999	0.362	ng		100
28) Fluoranthene	18.808	202	14397	0.350	ng		99
30) Pyrene	19.175	202	14606	0.422	ng		100
32) Benzo(a)anthracene	20.947	228	11650	0.355	ng		99
33) Chrysene	21.000	228	13503	0.399	ng		100
34) Bis(2-ethylhexyl)phtha...	20.920	149	4730	0.365	ng		100
36) Indeno(1,2,3-cd)pyrene	25.093	276	11862	0.344	ng		98
37) Benzo(b)fluoranthene	22.445	252	14172	0.439	ng		99
38) Benzo(k)fluoranthene	22.485	252	12715	0.400	ng		99
39) Benzo(a)pyrene	22.971	252	9673	0.364	ng		98
40) Dibenzo(a,h)anthracene	25.117	278	8943	0.329	ng		97
41) Benzo(g,h,i)perylene	25.710	276	10586	0.372	ng		98

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

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