Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035291.D
Acq On : 25 Nov 2024 19:20
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 03:32:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 02:36:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.315	152	3803	0.400	ng	0.00
7) Naphthalene-d8	10.063	136	9055	0.400	ng	# 0.00
13) Acenaphthene-d10	13.965	164	5224	0.400	ng	#-0.01
19) Phenanthrene-d10	16.734	188	9941	0.400	ng	0.00
29) Chrysene-d12	21.008	240	677	0.400	ng	# 0.00
35) Perylene-d12	23.081	264	7069	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.968	112	3673	0.511	ng	0.00
5) Phenol-d6	6.513	99	4730	0.471	ng	0.00
8) Nitrobenzene-d5	8.450	82	1755m	0.239	ng	0.00
11) 2-Methylnaphthalene-d10	11.663	152	5192	0.410	ng	0.00
14) 2,4,6-Tribromophenol	15.484	330	900	0.338	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	751	0.260	ng	0.00
27) Fluoranthene-d10	18.792	212	8641	0.325	ng	0.00
31) Terphenyl-d14	19.419	244	5704	0.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.010	88	1445	0.529	ng	# 70
3) n-Nitrosodimethylamine	3.299	42	1020	0.360	ng	# 66
6) bis(2-Chloroethyl)ether	6.766	93	3708	0.439	ng	98
9) Naphthalene	10.105	128	9734	0.387	ng	99
10) Hexachlorobutadiene	10.404	225	2352	0.333	ng	# 100
12) 2-Methylnaphthalene	11.742	142	6373	0.388	ng	99
16) Acenaphthylene	13.677	152	8730	0.332	ng	100
17) Acenaphthene	14.030	154	5862	0.354	ng	# 87
18) Fluorene	15.035	166	7622	0.328	ng	98
20) 4,6-Dinitro-2-methylph...	15.131	198	296	0.395	ng	93
21) 4-Bromophenyl-phenylether	15.939	248	2578	0.409	ng	97
22) Hexachlorobenzene	16.051	284	3153	0.349	ng	98
23) Atrazine	16.237	200	1035	0.390	ng	97
24) Pentachlorophenol	16.399	266	792	0.366	ng	96
25) Phenanthrene	16.771	178	10947	0.358	ng	100
26) Anthracene	16.870	178	9149	0.349	ng	100
28) Fluoranthene	18.820	202	11418	0.296	ng	99
30) Pyrene	19.187	202	11057	0.449	ng	100
32) Benzo(a)anthracene	21.017	228	9935	0.422	ng	100
33) Chrysene	21.017	228	9935	0.422	ng	100
34) Bis(2-ethylhexyl)phtha...	21.017	149	560	0.432	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.121	276	11395	0.394	ng	98
37) Benzo(b)fluoranthene	22.464	252	9613	0.313	ng	98
38) Benzo(k)fluoranthene	22.505	252	10650	0.328	ng	98
39) Benzo(a)pyrene	22.987	252	8220	0.350	ng	97
40) Dibenzo(a,h)anthracene	25.139	278	8732	0.399	ng	95
41) Benzo(g,h,i)perylene	25.741	276	9930	0.392	ng	97

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

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