Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034158.D
Acq On : 23 Sep 2024 10:06
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 23 10:52:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.423	152	6129	0.400	ng		-0.01
7) Naphthalene-d8	10.180	136	17283	0.400	ng		-0.02
13) Acenaphthene-d10	14.069	164	9232	0.400	ng		-0.01
19) Phenanthrene-d10	16.828	188	18988	0.400	ng		-0.01
29) Chrysene-d12	21.051	240	11128	0.400	ng		0.00
35) Perylene-d12	23.169	264	10627	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.062	112	7580	0.436	ng		-0.01
5) Phenol-d6	6.622	99	8903	0.440	ng		-0.01
8) Nitrobenzene-d5	8.557	82	5226	0.395	ng		-0.02
11) 2-Methylnaphthalene-d10	11.776	152	9597	0.376	ng		-0.02
14) 2,4,6-Tribromophenol	15.574	330	1576	0.377	ng		-0.01
15) 2-Fluorobiphenyl	12.679	172	15115	0.403	ng		-0.02
27) Fluoranthene-d10	18.873	212	16669	0.348	ng		-0.01
31) Terphenyl-d14	19.491	244	9877	0.444	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.068	88	3312	0.432	ng		97
3) n-Nitrosodimethylamine	3.372	42	3851	0.442	ng		85
6) bis(2-Chloroethyl)ether	6.867	93	7000	0.391	ng		96
9) Naphthalene	10.223	128	18645	0.393	ng		100
10) Hexachlorobutadiene	10.522	225	3598	0.403	ng	#	100
12) 2-Methylnaphthalene	11.856	142	11729	0.380	ng		99
16) Acenaphthylene	13.780	152	15272	0.386	ng		100
17) Acenaphthene	14.133	154	11274	0.398	ng		99
18) Fluorene	15.127	166	14388	0.387	ng		100
20) 4,6-Dinitro-2-methylph...	15.223	198	913	0.397	ng		85
21) 4-Bromophenyl-phenylether	16.033	248	4257	0.399	ng		96
22) Hexachlorobenzene	16.133	284	4886	0.408	ng		93
23) Atrazine	16.319	200	3842	0.434	ng		99
24) Pentachlorophenol	16.493	266	1817	0.459	ng		98
25) Phenanthrene	16.865	178	21777	0.399	ng		100
26) Anthracene	16.964	178	17092	0.384	ng		99
28) Fluoranthene	18.901	202	22259	0.352	ng		99
30) Pyrene	19.268	202	22579	0.481	ng		100
32) Benzo(a)anthracene	21.033	228	13463	0.382	ng		100
33) Chrysene	21.086	228	17354	0.413	ng		99
34) Bis(2-ethylhexyl)phtha...	21.006	149	2646	0.180	ng	#	95
36) Indeno(1,2,3-cd)pyrene	25.251	276	18985	0.417	ng		99
37) Benzo(b)fluoranthene	22.543	252	16145	0.388	ng		99
38) Benzo(k)fluoranthene	22.587	252	18049	0.413	ng		97
39) Benzo(a)pyrene	23.078	252	13327	0.393	ng		99
40) Dibenzo(a,h)anthracene	25.262	278	14475	0.409	ng		98
41) Benzo(g,h,i)perylene	25.882	276	15911	0.400	ng		98

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

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