Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025320.D
Acq On : 06 May 2023 17:44
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 08 04:44:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 04:14:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	9178	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	28752	0.400	ng		0.00
13) Acenaphthene-d10	14.555	164	16558	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	34741	0.400	ng		# 0.00
29) Chrysene-d12	21.504	240	22078	0.400	ng		# 0.00
35) Perylene-d12	23.943	264	22387	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	10542	0.472	ng		0.00
5) Phenol-d6	7.080	99	14045	0.501	ng		0.00
8) Nitrobenzene-d5	9.084	82	10765	0.455	ng		0.00
11) 2-Methylnaphthalene-d10	12.309	152	17733	0.451	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	4012	0.474	ng		0.00
15) 2-Fluorobiphenyl	13.176	172	27234	0.480	ng		0.00
27) Fluoranthene-d10	19.338	212	34114	0.397	ng		0.00
31) Terphenyl-d14	19.932	244	27818	0.625	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	4009	0.416	ng		99
3) n-Nitrosodimethylamine	3.657	42	6932	0.471	ng		98
6) bis(2-Chloroethyl)ether	7.333	93	11236	0.455	ng		99
9) Naphthalene	10.771	128	33805	0.458	ng		98
10) Hexachlorobutadiene	11.049	225	6598	0.473	ng	#	98
12) 2-Methylnaphthalene	12.381	142	23158	0.444	ng		99
16) Acenaphthylene	14.277	152	35866	0.484	ng		99
17) Acenaphthene	14.619	154	21600	0.468	ng		100
18) Fluorene	15.603	166	29107	0.461	ng		99
20) 4,6-Dinitro-2-methylph...	15.722	198	119	0.296	ng	#	1
21) 4-Bromophenyl-phenylether	16.492	248	9158	0.473	ng	#	85
22) Hexachlorobenzene	16.616	284	9852	0.471	ng		100
23) Atrazine	16.765	200	7443	0.439	ng	#	93
24) Pentachlorophenol	16.963	266	3850	0.742	ng		92
25) Phenanthrene	17.348	178	43432	0.452	ng		100
26) Anthracene	17.435	178	43013	0.478	ng		99
28) Fluoranthene	19.367	202	46316	0.386	ng		99
30) Pyrene	19.730	202	47189	0.625	ng		99
32) Benzo(a)anthracene	21.486	228	36492	0.489	ng	#	91
33) Chrysene	21.540	228	35504	0.478	ng	#	89
34) Bis(2-ethylhexyl)phtha...	21.396	149	49085	0.838	ng	#	84
36) Indeno(1,2,3-cd)pyrene	26.493	276	36331	0.405	ng		99
37) Benzo(b)fluoranthene	23.198	252	31714	0.447	ng	#	69
38) Benzo(k)fluoranthene	23.245	252	33302	0.448	ng	#	68
39) Benzo(a)pyrene	23.838	252	31406	0.432	ng	#	69
40) Dibenzo(a,h)anthracene	26.504	278	29336	0.414	ng	#	74
41) Benzo(g,h,i)perylene	27.267	276	31522	0.405	ng	#	80

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

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